



January 21, 2020

Pfizer Inc.  
100 Route 206 North, MS LLA-401  
Peapack, NJ 07977  
Tel: 908-901-8630

Via e-mail and U.S. Postal Service

David N. Cuevas-Miranda, Ph.D.  
Geologist/Marine Scientist  
Senior RCRA Corrective Action Project Manager  
US EPA-Region 2  
Caribbean Environmental Protection Division  
City View Plaza II, Suite 7000  
Guaynabo, Puerto Rico 00968

**RE: Pfizer Pharmaceuticals, LLC, Carolina Site  
Q4-2019 Semi-Annual Monitoring and Remediation Status Data Summary Report  
65<sup>th</sup> Infantry Avenue, Km. 9.7  
Carolina, Puerto Rico**

Dear Mr. Cuevas:

On behalf of Pfizer Pharmaceuticals, LLC (PPLLC), please find attached a Semi-Annual Monitoring and Remediation Status Data Summary Report prepared by Golder Associates Inc. that presents Q4-2019 post-remediation groundwater monitoring results for the PPLLC Carolina site remediation project. The next semi-annual monitoring event is tentatively scheduled for March 2020.

In general, remediation results continue to be very favorable, such that no additional treatment amendments are currently planned.

Should you have any questions about the report, please don't hesitate to contact me at 908-901-8630.

Sincerely,

A handwritten signature in blue ink that reads "William G. Gierke".

William G. Gierke, P.G., Senior Manager  
Pfizer Inc.

cc. Lorna Rodriguez, EQB



## TECHNICAL MEMORANDUM

**DATE** January 20, 2020 **Project No.** 103-82746.B

**TO** Mr. William G. Gierke  
Pfizer, Inc.

**CC** Jeff Paul

**FROM** Matthew C. Crews **EMAIL** [mcrews@golder.com](mailto:mcrews@golder.com)

**RE: REMEDIATION STATUS AND DATA SUMMARY REPORT  
FORMER PFIZER PHARMACEUTICAL FACILITY IN CAROLINA, PUERTO RICO**

Golder Associates Inc. (Golder) has prepared this Technical Memorandum to summarize post-remediation performance monitoring results at the former Pfizer facility in Carolina, Puerto Rico (the site) on behalf of Pfizer Pharmaceuticals LLC (PPLLC). A Remedial Action Plan was submitted to the US Environmental Protection Agency in July 2014 and implementation began immediately thereafter. The following sections summarize the previously completed amendment injection activities and the semi-annual groundwater performance monitoring event completed in September/October of 2019.

### AMENDMENT INJECTIONS

A total of seven amendment injection events have been completed as part of the Remedial Action Plan implementation. The most recent injection event was completed in May 2018. The well locations are shown on Figure 1. A summary of the volume of amendment injected in site wells is presented in Table 1.

### PERFORMANCE MONITORING

Groundwater performance monitoring activities were completed in September/October of 2019. The results are summarized in Tables 2 through 4. The results are also shown on Figures 2 through 4. Copies of the laboratory analytical reports are included in Attachment A.

Prior to full-scale remedial implementation, trichloroethene (TCE) concentrations in groundwater were above the  $10^{-5}$  site-specific groundwater risk-based closure criteria (RBCC) in several wells. Since full-scale implementation, TCE concentrations have substantially decreased, reducing the footprint of TCE impacts, below the groundwater RBCC in each monitoring well. Tetrachloroethene (PCE) concentrations (from a suspected off-site source) have also decreased at the site, although concentrations were below the RBCC prior to remedial implementation.

Vinyl chloride (VC) concentrations in groundwater were above the  $10^{-6}$  RBCC (albeit below the  $10^{-5}$  RBCC) in three of the monitoring and injection wells sampled in September/October 2019 (i.e. MW-16S, INJ-6 and INJ-30). Notably, some of these exceedances occurred only after full-scale remedial implementation. This is often seen following amendment injections, as vinyl chloride is typically generated from the biological reduction of PCE and TCE. The footprint of VC exceedances of the RBCC has decreased since full-scale implementation, showing that VC is degrading. VC concentrations will continue to degrade and decline, as supported by previous treatment results and the confirmed presence and significant counts of vinyl chloride-reductase genes in groundwater, per data provided in Golder's August 2017 Progress Report for Remedial Activities at the Former Pfizer Pharmaceutical Facility in Carolina, Puerto Rico.

## NEXT ACTIONS TENTATIVELY PLANNED

As previously proposed to EPA, semi-annual groundwater performance monitoring activities will continue until March 2021 (2 years), with subsequent monitoring dependent upon post-remediation monitoring results. The performance monitoring plan is shown in Table 5. The next groundwater monitoring event is tentatively scheduled for March 2020.

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## List of Attachments

Attachment A Laboratory Analytical Reports

MCC/JP/as

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## TABLES

**TABLE 1**  
**SUMMARY OF AMENDMENT INJECTIONS**

Former Wyeth, Carolina Facility, Puerto Rico

Injection Well ID	Screened Interval (feet bgs)	Injection Dates	Approximate Mass Sodium Lactate Per 1,000 Gallons of water (kg)	Approximate Mass EOS Pro Per 1,000 Gallons of water (kg)	Approximate Mass EOS 100 Per 1,000 Gallons of water (kg)	Approximate Mass Sodium Lactate Injected (kg)	Approximate Mass EOS Pro Injected (kg)	Approximate Mass EOS 100 Injected (kg)	Injection Water Volume <sup>A</sup> (gal)	Flush Water Volume <sup>A</sup> (gal)	Total Injection Volume (gal)
INJ-1	20 - 40	February 2015	20	0	0.0	20.9	0.0	0.0	1,046	99	1,145
		July 2015	20	11	0.0	21.0	11.6	0.0	1,052	48	1,100
		December 2015	0	36.7	0.0	0.0	73.9	0.0	2,014	59	2,073
		January 2016	0	36.7	0.0	0.0	77.2	0.0	2,104	148	2,252
		February 2017	0	0	94.4	0.0	0.0	209.4	2,219	100	2,319
		May 2018	0	0	55.3	0.0	0.0	110.4	1,995	251	2,246
	<b>Total</b>					<b>42.0</b>	<b>162.7</b>	<b>319.8</b>	<b>10,430</b>	<b>705</b>	<b>11,135</b>
INJ-2	19 - 40	February 2015	20	0	0.0	20.3	0.0	0.0	1,014	98	1,112
		July 2015	20	11	0.0	20.9	11.5	0.0	1,046	47	1,093
		December 2015	0	36.7	0.0	0.0	77.3	0.0	2,107	51	2,158
		January 2016	0	36.7	0.0	0.0	70.4	0.0	1,918	227	2,145
		February 2017	0	0	94.4	0.0	0.0	210.5	2,231	100	2,331
		May 2018	0	0	55.3	0.0	0.0	111.9	2,022	120	2,142
	<b>Total</b>					<b>41.2</b>	<b>159.2</b>	<b>322.4</b>	<b>10,338</b>	<b>643</b>	<b>10,981</b>
INJ-3	19 - 40	February 2015	20	0	0.0	19.1	0.0	0.0	953	100	1,053
		July 2015	20	11	0.0	20.6	11.4	0.0	1,032	47	1,079
		December 2015	0	36.7	0.0	0.0	76.6	0.0	2,087	62	2,149
		January 2016	0	36.7	0.0	0.0	77.8	0.0	2,119	279	2,398
		February 2017	0	0	94.4	0.0	0.0	221.3	2,346	100	2,446
		May 2018	0	0	55.3	0.0	0.0	110.7	2,000	194	2,194
	<b>Total</b>					<b>39.7</b>	<b>165.7</b>	<b>332.0</b>	<b>10,537</b>	<b>782</b>	<b>11,319</b>
INJ-4	40 - 50	February 2015	20	0	0.0	2.0	0.0	0.0	100	0	100
		July 2015	0	36.7	0.0	0.0	5.8	0.0	158	10	168
		December 2015	0	36.7	0.0	0.0	37.9	0.0	1,033	65	1,098
		January 2016	0	36.7	0.0	0.0	3.8	0.0	104	13	117
	<b>Total</b>					<b>2.0</b>	<b>47.5</b>	<b>0.0</b>	<b>1,395</b>	<b>88</b>	<b>1,483</b>
INJ-5	40 - 50	February 2015	20	0	0.0	25.6	0.0	0.0	1,280	100	1,380
		September 2015	0	36.7	0.0	0.0	51.1	0.0	1,393	73	1,466
		January 2016	0	36.7	0.0	0.0	46.7	0.0	1,273	147	1,420
	<b>Total</b>					<b>25.6</b>	<b>97.8</b>	<b>0.0</b>	<b>3,946</b>	<b>320</b>	<b>4,266</b>
INJ-6	40 - 50	February 2015	20	0	0.0	28.0	0.0	0.0	1,401	100	1,501
		September 2015	0	36.7	0.0	0.0	54.7	0.0	1,491	64	1,555
		January 2016	0	36.7	0.0	0.0	48.0	0.0	1,309	124	1,433
	<b>Total</b>					<b>28.0</b>	<b>102.8</b>	<b>0.0</b>	<b>4,201</b>	<b>288</b>	<b>4,489</b>

**TABLE 1**  
**SUMMARY OF AMENDMENT INJECTIONS**

Former Wyeth, Carolina Facility, Puerto Rico

Injection Well ID	Screened Interval (feet bgs)	Injection Dates	Approximate Mass Sodium Lactate Per 1,000 Gallons of water (kg)	Approximate Mass EOS Pro Per 1,000 Gallons of water (kg)	Approximate Mass EOS 100 Per 1,000 Gallons of water (kg)	Approximate Mass Sodium Lactate Injected (kg)	Approximate Mass EOS Pro Injected (kg)	Approximate Mass EOS 100 Injected (kg)	Injection Water Volume <sup>A</sup> (gal)	Flush Water Volume <sup>A</sup> (gal)	Total Injection Volume (gal)
INJ-7	50 - 60	February 2015	20	0	0.0	20.4	0.0	0.0	1,019	103	1,122
		July 2015	20	11	0.0	19.0	10.5	0.0	950	56	1,006
		October 2015	0	36.7	0.0	0.0	37.7	0.0	1,027	48	1,075
		January 2016	0	36.7	0.0	0.0	36.7	0.0	1,000	50	1,050
		<b>Total</b>				<b>39.4</b>	<b>84.8</b>	<b>0.0</b>	<b>3,996</b>	<b>257</b>	<b>4,253</b>
INJ-8	40 - 50	February 2015	20	0	0.0	21.0	0.0	0.0	1,049	92	1,141
		July 2015	20	11	0.0	20.1	11.0	0.0	1,003	54	1,057
		October 2015	0	36.7	0.0	0.0	37.3	0.0	1,015	49	1,064
		January 2016	0	36.7	0.0	0.0	36.7	0.0	1,000	50	1,050
		May 2018	0	73.6	0.0	0.0	69.7	0.0	947	110	1,057
		<b>Total</b>				<b>41.0</b>	<b>154.7</b>	<b>0.0</b>	<b>5,014</b>	<b>355</b>	<b>5,369</b>
INJ-9	50 - 60	February 2015	20	0	0.0	20.3	0.0	0.0	1,017	104	1,121
		July 2015	20	11	0.0	21.1	11.6	0.0	1,056	50	1,106
		October 2015	0	36.7	0.0	0.0	43.4	0.0	1,182	69	1,251
		January 2016	0	36.7	0.0	0.0	36.7	0.0	1,000	50	1,050
		May 2018	0	73.6	0.0	0.0	36.8	0.0	500	113	613
		<b>Total</b>				<b>41.5</b>	<b>128.5</b>	<b>0.0</b>	<b>4,755</b>	<b>386</b>	<b>5,141</b>
INJ-10	40 - 50	February 2015	20	0	0.0	22.4	0.0	0.0	1,122	100	1,222
		July 2015	20	11	0.0	21.8	12.0	0.0	1,090	51	1,141
		October 2015	0	36.7	0.0	0.0	44.1	0.0	1,201	58	1,259
		January 2016	0	36.7	0.0	0.0	0.8	0.0	22	50	72
		May 2018	0	73.6	0.0	0.0	33.5	0.0	455	100	555
		<b>Total</b>				<b>44.2</b>	<b>90.4</b>	<b>0.0</b>	<b>3,890</b>	<b>359</b>	<b>4,249</b>
INJ-11	50 - 60	February 2015	20	0	0.0	20.5	0.0	0.0	1,024	100	1,124
		July 2015	20	11	0.0	9.9	5.4	0.0	494	50	544
		October 2015	0	36.7	0.0	0.0	17.1	0.0	467	26	493
		January 2016	0	36.7	0.0	0.0	4.2	0.0	115	50	165
		May 2018	0	75.9	0.0	0.0	36.4	0.0	479	84	563
		<b>Total</b>				<b>30.4</b>	<b>63.1</b>	<b>0.0</b>	<b>2,579</b>	<b>310</b>	<b>2,889</b>
INJ-12	40 - 50	February 2015	20	0	0.0	20.8	0.0	0.0	1,041	104	1,145
		July 2015	20	11	0.0	20.4	11.2	0.0	1,022	50	1,072
		October 2015	0	36.7	0.0	0.0	42.4	0.0	1,155	57	1,212
		January 2016	0	36.7	0.0	0.0	10.4	0.0	285	50	335
		May 2018	0	75.9	0.0	0.0	38.7	0.0	510	100	610
		<b>Total</b>				<b>41.3</b>	<b>102.8</b>	<b>0.0</b>	<b>4,013</b>	<b>361</b>	<b>4,374</b>

**TABLE 1**  
**SUMMARY OF AMENDMENT INJECTIONS**

Former Wyeth, Carolina Facility, Puerto Rico

Injection Well ID	Screened Interval (feet bgs)	Injection Dates	Approximate Mass Sodium Lactate Per 1,000 Gallons of water (kg)	Approximate Mass EOS Pro Per 1,000 Gallons of water (kg)	Approximate Mass EOS 100 Per 1,000 Gallons of water (kg)	Approximate Mass Sodium Lactate Injected (kg)	Approximate Mass EOS Pro Injected (kg)	Approximate Mass EOS 100 Injected (kg)	Injection Water Volume <sup>A</sup> (gal)	Flush Water Volume <sup>A</sup> (gal)	Total Injection Volume (gal)
INJ-13	35 - 45	February 2015	20	0	0.0	20.9	0.0	0.0	1,044	100	1,144
		October 2015	0	36.7	0.0	0.0	37.6	0.0	1,024	53	1,077
		January 2016	0	36.7	0.0	0.0	36.7	0.0	1,000	50	1,050
		May 2018	0	75.9	0.0	0.0	68.6	0.0	903	100	1,003
	<b>Total</b>					<b>20.9</b>	<b>142.8</b>	<b>0.0</b>	<b>3,971</b>	<b>303</b>	<b>4,274</b>
INJ-14	37 - 47	February 2015	20	0	0.0	20.2	0.0	0.0	1,008	100	1,108
		October 2015	0	36.7	0.0	0.0	36.4	0.0	991	54	1,045
		January 2016	0	36.7	0.0	0.0	36.7	0.0	1,000	50	1,050
		May 2018	0	75.9	0.0	0.0	66.4	0.0	874	100	974
	<b>Total</b>					<b>20.2</b>	<b>139.4</b>	<b>0.0</b>	<b>3,873</b>	<b>304</b>	<b>4,177</b>
INJ-15	27 - 37	July 2015	20	11	0.0	20.7	11.4	0.0	1,034	42	1,076
		January 2016	0	36.7	0.0	0.0	36.7	0.0	1,000	155	1,155
		February 2017	0	0	94.4	0.0	0.0	178.8	1,895	100	1,995
		May 2018	0	0	169.3	0.0	0.0	255.8	1,511	104	1,615
	<b>Total</b>					<b>20.7</b>	<b>48.1</b>	<b>434.6</b>	<b>5,440</b>	<b>401</b>	<b>5,841</b>
INJ-16	26 - 36	January 2016	0	36.7	0.0	0.0	37.7	0.0	1,028	274	1,302
		May 2018	0	0	169.3	0.0	0.0	95.3	563	198	761
	<b>Total</b>					<b>0.0</b>	<b>37.7</b>	<b>95.3</b>	<b>1,591</b>	<b>472</b>	<b>2,063</b>
INJ-17	26 - 31	January 2016	0	36.7	0.0	0.0	40.8	0.0	1,112	205	1,317
		May 2018	0	0	169.3	0.0	0.0	95.0	561	135	696
	<b>Total</b>					<b>0.0</b>	<b>40.8</b>	<b>95.0</b>	<b>1,673</b>	<b>340</b>	<b>2,013</b>
INJ-18	25 - 30	January 2016	0	36.7	0.0	0.0	19.4	0.0	529	123	652
	<b>Total</b>					<b>0.0</b>	<b>19.4</b>	<b>0.0</b>	<b>529</b>	<b>123</b>	<b>652</b>
INJ-19	25 - 35	January 2016	0	36.7	0.0	0.0	45.4	0.0	1,238	195	1,433
	<b>Total</b>					<b>0.0</b>	<b>45.4</b>	<b>0.0</b>	<b>1,238</b>	<b>195</b>	<b>1,433</b>
INJ-20	37 - 47	January 2016	0	36.7	0.0	0.0	49.3	0.0	1,342	100	1,442
	<b>Total</b>					<b>0.0</b>	<b>49.3</b>	<b>0.0</b>	<b>1,342</b>	<b>100</b>	<b>1,442</b>
INJ-21	43 - 58	January 2016	0	36.7	0.0	0.0	48.3	0.0	1,315	26	1,341
	<b>Total</b>					<b>0.0</b>	<b>48.3</b>	<b>0.0</b>	<b>1,315</b>	<b>26</b>	<b>1,341</b>
INJ-22	43 - 53	January 2016	0	36.7	0.0	0.0	36.7	0.0	1,000	116	1,116
		April 2018	0	0	110.1	0.0	0.0	111.6	1,014	100	1,114
	<b>Total</b>					<b>0.0</b>	<b>36.7</b>	<b>111.6</b>	<b>2,014</b>	<b>216</b>	<b>2,230</b>
INJ-23	42 - 49	January 2016	0	36.7	0.0	0.0	36.7	0.0	1,000	55	1,055
		April 2018	0	0	110.1	0.0	0.0	110.1	1,000	100	1,100
	<b>Total</b>					<b>0.0</b>	<b>36.7</b>	<b>110.1</b>	<b>2,000</b>	<b>155</b>	<b>2,155</b>

**TABLE 1**  
**SUMMARY OF AMENDMENT INJECTIONS**

Former Wyeth, Carolina Facility, Puerto Rico

Injection Well ID	Screened Interval (feet bgs)	Injection Dates	Approximate Mass Sodium Lactate Per 1,000 Gallons of water (kg)	Approximate Mass EOS Pro Per 1,000 Gallons of water (kg)	Approximate Mass EOS 100 Per 1,000 Gallons of water (kg)	Approximate Mass Sodium Lactate Injected (kg)	Approximate Mass EOS Pro Injected (kg)	Approximate Mass EOS 100 Injected (kg)	Injection Water Volume <sup>A</sup> (gal)	Flush Water Volume <sup>A</sup> (gal)	Total Injection Volume (gal)
INJ-24	41 - 51	January 2016	0	36.7	0.0	0.0	36.7	0.0	1,000	184	1,184
		April 2018	0	0	110.1	0.0	0.0	111.3	1,011	104	1,115
		<b>Total</b>				<b>0.0</b>	<b>36.7</b>	<b>111.3</b>	<b>2,011</b>	<b>288</b>	<b>2,299</b>
INJ-25	44 - 54	January 2016	0	36.7	0.0	0.0	42.2	0.0	1,151	50	1,201
		April 2018	0	102.1	0.0	0.0	95.2	0.0	933	108	1,041
		<b>Total</b>				<b>0.0</b>	<b>137.5</b>	<b>0.0</b>	<b>2,084</b>	<b>158</b>	<b>2,242</b>
INJ-26	19 - 36	January 2016	0	36.7	0.0	0.0	65.6	0.0	1,787	131	1,918
		<b>Total</b>				<b>0.0</b>	<b>65.6</b>	<b>0.0</b>	<b>1,787</b>	<b>131</b>	<b>1,918</b>
INJ-27	33 - 43	February 2017	0	52.5	0.0	0.0	52.5	0.0	1,000	100	1,100
		<b>Total</b>				<b>0.0</b>	<b>52.5</b>	<b>0.0</b>	<b>1,000</b>	<b>100</b>	<b>1,100</b>
INJ-28	33 - 53	February 2017	0	52.5	0.0	0.0	106.3	0.0	2,024	100	2,124
		<b>Total</b>				<b>0.0</b>	<b>106.3</b>	<b>0.0</b>	<b>2,024</b>	<b>100</b>	<b>2,124</b>
INJ-29	26.5 - 36.5	February 2017	0	52.5	0.0	0.0	52.5	0.0	1,000	100	1,100
		<b>Total</b>				<b>0.0</b>	<b>52.5</b>	<b>0.0</b>	<b>1,000</b>	<b>100</b>	<b>1,100</b>
INJ-30	32.5 - 42.5	February 2017	0	52.5	0.0	0.0	52.5	0.0	1,000	100	1,100
		April 2018	0	167.5	0.0	0.0	161.2	0.0	962	134	1,096
		<b>Total</b>				<b>0.0</b>	<b>213.7</b>	<b>0.0</b>	<b>1,962</b>	<b>234</b>	<b>2,196</b>
INJ-31	40.4 - 61	February 2017	0	0	94.4	0.0	0.0	120.1	1,273	72	1,345
		May 2018	0	0	169.3	0.0	0.0	64.5	381	44	425
		<b>Total</b>				<b>0.0</b>	<b>0.0</b>	<b>184.6</b>	<b>1,654</b>	<b>116</b>	<b>1,770</b>
INJ-32	58.1 - 78	February 2017	0	0	29.6	0.0	0.0	59.2	2,000	0	2,000
		<b>Total</b>				<b>0.0</b>	<b>0.0</b>	<b>59.2</b>	<b>2,000</b>	<b>0</b>	<b>2,000</b>
INJ-33	41.1 - 61.75	February 2017	0	0	68.5	0.0	0.0	137.1	2,003	100	2,103
		April 2018	0	0	77.7	0.0	0.0	185.2	2,384	173	2,557
		<b>Total</b>				<b>0.0</b>	<b>0.0</b>	<b>322.4</b>	<b>4,387</b>	<b>273</b>	<b>4,660</b>
INJ-34	43.4 - 63	February 2017	0	0	68.5	0.0	0.0	113.5	1,658	100	1,758
		April 2018	0	0	77.7	0.0	0.0	61.0	785	76	861
		<b>Total</b>				<b>0.0</b>	<b>0.0</b>	<b>174.5</b>	<b>2,443</b>	<b>176</b>	<b>2,619</b>
INJ-35	43 - 63	February 2017	0	0	68.5	0.0	0.0	148.5	2,170	100	2,270
		April 2018	0	0	77.7	0.0	0.0	197.8	2,545	139	2,684
		<b>Total</b>				<b>0.0</b>	<b>0.0</b>	<b>346.3</b>	<b>4,715</b>	<b>239</b>	<b>4,954</b>
INJ-36	30.91 - 40.36	February 2017	0	89.3	0.0	0.0	70.8	0.0	793	100	893
		April 2018	0	102.1	0.0	0.0	100.8	0.0	987	100	1,087
		<b>Total</b>				<b>0.0</b>	<b>171.5</b>	<b>0.0</b>	<b>1,780</b>	<b>200</b>	<b>1,980</b>

**TABLE 1**  
**SUMMARY OF AMENDMENT INJECTIONS**

Former Wyeth, Carolina Facility, Puerto Rico

Injection Well ID	Screened Interval (feet bgs)	Injection Dates	Approximate Mass Sodium Lactate Per 1,000 Gallons of water (kg)	Approximate Mass EOS Pro Per 1,000 Gallons of water (kg)	Approximate Mass EOS 100 Per 1,000 Gallons of water (kg)	Approximate Mass Sodium Lactate Injected (kg)	Approximate Mass EOS Pro Injected (kg)	Approximate Mass EOS 100 Injected (kg)	Injection Water Volume <sup>A</sup> (gal)	Flush Water Volume <sup>A</sup> (gal)	Total Injection Volume (gal)
INJ-37	32.7 - 42.4	February 2017	0	89.3	0.0	0.0	101.7	0.0	1,139	125	1,264
		April 2018	0	167.5	0.0	0.0	160.8	0.0	960	108	1,068
		<b>Total</b>				<b>0.0</b>	<b>262.5</b>	<b>0.0</b>	<b>2,099</b>	<b>233</b>	<b>2,332</b>
INJ-38	37 - 47	April 2018	0	172.9	0.0	0.0	175.9	0.0	1,017	100	1,117
		<b>Total</b>				<b>0.0</b>	<b>175.9</b>	<b>0.0</b>	<b>1,017</b>	<b>100</b>	<b>1,117</b>
INJ-39	36 - 46	April 2018	0	172.9	0.0	0.0	174.1	0.0	1,007	100	1,107
		<b>Total</b>				<b>0.0</b>	<b>174.1</b>	<b>0.0</b>	<b>1,007</b>	<b>100</b>	<b>1,107</b>
MW-26S	37 - 47	May 2018	0	102.5	0.0	0.0	94.0	0.0	917	185	1,102
		<b>Total</b>				<b>0.0</b>	<b>94.0</b>	<b>0.0</b>	<b>917</b>	<b>185</b>	<b>1,102</b>
MW-29S	33 - 43	May 2018	0	102.5	0.0	0.0	102.0	0.0	995	180	1,175
		<b>Total</b>				<b>0.0</b>	<b>102.0</b>	<b>0.0</b>	<b>995</b>	<b>180</b>	<b>1,175</b>

Notes:

<sup>A</sup>Values calculated from injection manifold flow meter readings

bgs - below ground surface

kg - kilogram

gal - gallons

**TABLE 2**  
**MONITORING WELL COMPLETION AND GROUNDWATER ELEVATION SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

WELL DESIGNATION	MW-01S			MW-02S			MW-03S			MW-04S			MW-05S			MW-06S			MW-07S		
DIAMETER	2 in																				
WELL DEPTH	68.4 ft			39.9 ft			39.9 ft			22.5 ft			32.7 ft			40 ft			38 ft		
SCREEN INTERVAL	58.4 - 68.4 ft			29.9 - 39.9 ft			29 - 39 ft			12.5 - 22.5 ft			22.7 - 32.7 ft			30 - 40 ft			28 - 38 ft		
TOC ELEVATION <sup>1</sup>	58.521 ft			51.776 ft			46.427 ft			33.921 ft			33.353 ft			40.471 ft			47.324 ft		
SCREEN ELEVATION <sup>1</sup>	0.121 to -9.879 ft			21.876 to 11.876 ft			16.527 to 6.527 ft			21.421 to 11.421 ft			10.653 to 0.653 ft								
DATE	ELEV	DTW	FP																		
2/2/2011	37.54	20.98		31.99	19.79		33.13	13.30		29.31	4.61		31.94	1.41		33.66	6.81		NI	NI	
10/17/2011	39.49	19.03		32.65	19.13		33.74	12.69		30.37	3.55		32.01	1.34		33.82	6.65		31.94	15.38	
9/12/2012	38.11	20.41		31.79	19.99		33.22	13.21		30.07	3.85		31.96	1.39		33.89	6.58		31.18	16.14	
4/17/2013	NM	NM		30.94	20.84		31.98	14.45		NM	NM		NM	NM		NM	NM		30.49	16.83	
12/6/2013	NM	NM		33.82	17.96		34.56	11.87		NM	NM		32.95	0.40		34.85	5.62		33.17	14.15	
2/3/2015	NM	NM		32.03	19.75		33.20	13.23		NM	NM		31.90	1.45		33.78	6.69		31.36	15.96	
3/17/2015	NM	NM		31.28	20.50		NM	NM		30.66	16.66										
4/20/2015	NM	NM		30.18	21.60		NM	NM		29.77	17.55										
7/8/2015	NM	NM		29.81	21.97		31.07	15.36		28.30	5.62		30.40	2.95		32.22	8.25		29.30	18.02	
7/20/2016	36.89	21.63		31.44	20.34		32.52	13.91		30.82	3.10		32.07	1.28		33.30	7.17		30.72	16.60	
6/19/2017	38.29	20.23		31.55	20.23		NM	NM		30.87	16.45										
1/23/2018	NM	NM		31.73	15.59																
9/19/2018	36.84	21.68		31.43	20.35		32.53	13.90		NM	NM		NM	NM		NM	NM		30.60	16.72	
3/26/2019	NM	NM		30.83	20.95		NM	NM		30.22	17.10										
WELL DESIGNATION	MW-08S			MW-09S			MW-10S			MW-11S			MW-12S			MW-13S			MW-14S		
DIAMETER	2 in																				
WELL DEPTH	40 ft			21.4 ft			40 ft			40 ft			27.5 ft			40 ft			40 ft		
SCREEN INTERVAL	30 - 40 ft			11.4 - 21.4 ft			30 - 40 ft			30 - 40 ft			17.5 - 27.5 ft			30 - 40 ft			30 - 40 ft		
TOC ELEVATION <sup>1</sup>	50.791 ft			41.902 ft			52.875 ft			52.901 ft			44.443 ft			56.045 ft			56.051 ft		
SCREEN ELEVATION <sup>1</sup>	20.791 to 10.791 ft			30.502 to 20.502 ft			22.909 to 12.909 ft			22.901 to 12.901 ft			26.943 to 16.943 ft			26.045 to 16.045 ft			26.108 to 16.108 ft		
DATE	ELEV	DTW	FP																		
2/2/2011	NI	NI																			
10/17/2011	34.41	16.38		37.20	4.70		NI	NI													
9/12/2012	33.93	16.86		36.91	4.99		NI	NI													
4/17/2013	NM	NM		NM	NM		NI	NI													
12/6/2013	35.27	15.52		37.93	3.97		35.84	17.04		34.57	18.33		34.51	9.93		35.12	20.93		39.20	16.85	
2/3/2015	33.88	16.91		37.02	4.88		34.34	18.54		32.62	20.28		33.05	11.39		33.75	22.30		37.94	18.11	
3/17/2015	NM	NM		32.73	23.32		NM	NM													
4/20/2015	NM	NM		33.05	23.00		NM	NM													
7/8/2015																					

**TABLE 2**  
**MONITORING WELL COMPLETION AND GROUNDWATER ELEVATION SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

WELL DESIGNATION	MW-15S			MW-16S			MW-17S			MW-18S			MW-19S			MW-20S			MW-21S			
DIAMETER	2	in		2	in		2	in		2	in		2	in		2	in		2	in		
WELL DEPTH	32.5	ft		48	ft		50	ft		60	ft		50	ft		50	ft		47	ft		
SCREEN INTERVAL	22.5 - 32.5	ft		38 - 48	ft		40 - 50	ft		50 - 60	ft		40 - 50	ft		40 - 50	ft		37 - 47	ft		
TOC ELEVATION <sup>1</sup>	49.90	ft		52.314	ft		55.684	ft		55.552	ft		55.632	ft		55.459	ft		49.447	ft		
SCREEN ELEVATION <sup>1</sup>	27.40 to 17.40	ft		14.261 to 4.261	ft		15.684 to 5.684	ft		5.552 to -4.448	ft		15.632 to 5.632	ft		15.459 to 5.459	ft		12.734 to 2.734	ft		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	
12/6/2013	33.45	16.45		NI	NI		NI	NI		NI	NI											
2/3/2015	31.31	18.59		33.04	19.27		33.74	21.94		33.72	21.83		NI	NI		NI	NI		NI	NI		
3/17/2015	NM	NM		32.08	20.23		32.65	23.03		32.76	22.79		NI	NI		NI	NI		NI	NI		
4/20/2015	NM	NM		30.86	21.45		32.08	23.60		32.75	22.80		NI	NI		NI	NI		NI	NI		
7/8/2015	29.22	20.68		30.73	21.58		31.32	24.36		31.32	24.23		31.17	24.46		31.10	24.36		29.48	19.97		
7/20/2016	30.73	19.17		32.43	19.88		31.03	24.65		32.43	23.12		32.82	22.81		32.77	22.69		30.98	18.47		
6/19/2017	NM	NM		30.31	22.00		33.68	22.00		33.35	22.20		NM	NM		NM	NM		31.00	18.45		
7/26/2017	NM	NM		32.97	19.34		NM	NM		NM	NM		NM	NM		NM	NM		NM	NM		
1/25/2018	NM	NM		NM	NM		NM	NM		34.07	21.48		NM	NM		NM	NM		32.10	17.35		
9/21/2018	31.37	18.53		32.35	19.96		32.38	23.30		33.05	22.50		NM	NM		32.83	22.63		30.85	18.60		
3/26/2019	NM	NM		31.71	20.60		32.22	23.46		32.30	23.25		NM	NM		32.06	23.40		30.45	19.00		
WELL DESIGNATION	MW-22S			MW-23S			MW-24S			MW-26S			MW-28S			MW-29S			MW-31S			
DIAMETER	2	in		2	in		2	in		2			2			2			2			
WELL DEPTH	30.25	ft		43	ft		40	ft		47.4			60			43.5			20			
SCREEN INTERVAL	20 - 30	ft		33 - 43	ft		30 - 40	ft		37.4 - 47.4			50 - 60			33.5 - 43.5			10 - 20			
TOC ELEVATION <sup>1</sup>	49.75	ft		54.110	ft		55.281	ft		56.183			NM			55.794			45.695			
SCREEN ELEVATION <sup>1</sup>	29.75 to 19.75	ft		21.11 to 11.11	ft		25.28 to 15.28	ft					NA									
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	
7/20/2016	30.97	18.78		35.39	18.72		31.60	23.68														
11/18/2016															21.57							
6/20/2017	NM	NM		NM	NM		NM	NM		35.98	20.20		NM	NM		36.24	19.55		30.67	15.03		
7/26/2017	NM	NM		NM	NM		NM	NM		37.43	18.75		NM	NM		NM	NM		31.05	14.65		
1/23/2018	NM	NM		NM	NM		NM	NM		NM	NM		NM	NM		NM	NM		31.78	13.92		
9/24/2018	30.83	18.92		NM	NM		NM	NM		36.03	20.15		NM	24.00		NM	NM		NM	NM		

**TABLE 2**  
**MONITORING WELL COMPLETION AND GROUNDWATER ELEVATION SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

WELL DESIGNATION	MW-02D			MW-03D			MW-07D			MW-30D									
DIAMETER	2	in		2	in		2	in		2	in								
WELL DEPTH	87.2	ft		69	ft		98	ft		76	ft								
SCREEN INTERVAL	77.2 - 87.2	ft		69 - 79	ft		88 - 98	ft		66 - 76	ft								
TOC ELEVATION <sup>1</sup>	51.506	ft		46.553	ft		46.653	ft		NM	ft								
SCREEN ELEVATION <sup>1</sup>	-25.694 to -35.694	ft		-22.447 to -32.447	ft		-41.347 to -51.347	ft		NA	ft								
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP										
2/2/2011	33.35	18.16		33.56	12.99		NI	NI											
10/17/2011	33.90	17.61		34.10	12.45		33.58	13.07											
9/12/2012	33.05	18.46		33.61	12.94		32.77	13.88											
4/17/2013	31.89	19.62		32.31	14.24		31.64	15.01											
12/6/2013	34.69	16.82		34.93	11.62		34.45	12.20											
2/3/2015	33.16	18.35		33.56	12.99		32.88	13.77											
3/17/2015	32.35	19.16		NM	NM		31.90	14.75											
4/20/2015	30.96	20.55		NM	NM		31.05	15.60											
7/8/2015	30.87	20.64		31.41	15.14		30.59	16.06											
7/20/2016	32.49	19.02		32.88	13.67		32.24	14.41											
11/18/2016	NM	NM		NM	NM		NM	NM		16.35									
6/19/2017	32.56	18.95		NM	NM		NM	NM											
1/23/2018	NM	NM		NM	NM		33.30	13.35											
1/24/2018	33.62	17.89		NM	NM		NM	NM											
9/19/2018	32.56	18.95		NM	NM		31.97	14.68											
3/26/2019	31.86	19.65		NM	NM		NM	NM											
WELL DESIGNATION	INJ-1			INJ-2			INJ-3			INJ-4			INJ-5			INJ-6			INJ-7
DIAMETER	6	in		6	in		6	in		2	in		2	in		2	in		2 in
WELL DEPTH	40	ft		40	ft		40	ft		50	ft		50	ft		50	ft		60 ft
SCREEN INTERVAL	20 - 40	ft		19 - 40	ft		19 - 40	ft		40 - 50	ft		40 - 50	ft		40 - 50	ft		50 - 60 ft
TOC ELEVATION <sup>1</sup>	46.481	ft		48.513	ft		49.394	ft		52.453	ft		52.655	ft		53.260	ft		55.770 ft
SCREEN ELEVATION <sup>1</sup>	26.481 to 6.481	ft		29.340 to 8.340	ft		29.721 to 8.721	ft		12.453 to 2.453	ft		12.655 to 2.655	ft		13.260 to 3.260	ft		5.770 to -4.230 ft
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	
2/3/2015	NM	NM		31.75	16.76		NM	NM		NM	NM		33.01	19.65		NM	NM		NM NM
7/8/2015	29.31	17.17		29.66	18.85		30.16	19.23		30.51	21.94		30.70	21.96		30.72	22.54		31.31 24.46
7/20/2016	30.27	16.21		30.64	17.87		31.01	18.38		32.52	19.93		32.48	20.18		31.46	21.80		32.77 23.00
7/26/2017	NM	NM		NM	NM		NM	NM		32.55	19.90		32.83	19.83		33.46	19.80		NM NM
1/23/2018	NM	NM		NM	NM		32.21	17.18		NM	NM		NM	NM		NM	NM		NM NM
3/26/2019	NM	NM		NM	NM		NM	NM		NM	NM		NM	NM		31.68	21.58		NM NM

**TABLE 2**  
**MONITORING WELL COMPLETION AND GROUNDWATER ELEVATION SUMMARY**

## **Former Wyeth, Carolina Facility, Puerto Rico**

**TABLE 2**  
**MONITORING WELL COMPLETION AND GROUNDWATER ELEVATION SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

WELL DESIGNATION	INJ-22			INJ-23			INJ-24			INJ-25			INJ-26			INJ-27			INJ-28		
DIAMETER	2	in		2	in		2	in		2	in		2	in		2	in		2	in	
WELL DEPTH	53.5	ft		49.5	ft		51.25	ft		54	ft		36.3	ft		43	ft		53	ft	
SCREEN INTERVAL	43.5 - 53.5	ft		42.5 - 49.5	ft		41 - 51	ft		44 - 54	ft		19.5 - 36.3	ft		33 - 43	ft		33 - 53	ft	
TOC ELEVATION <sup>1</sup>	55.080	ft		55.01	ft		54.98	ft		56.04	ft		52.54	ft		53.78	ft		53.93	ft	
SCREEN ELEVATION <sup>1</sup>	11.58 to 1.58	ft		12.51 to 5.51	ft		13.98 to 3.98	ft		12.15 to 2.15	ft		33.04 to 16.24	ft		20.78 to 10.78	ft		20.93 to 0.93	ft	
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
7/20/2016	32.57	22.51		32.60	22.41		32.65	22.33		34.63	21.41		31.23	21.31		34.97	18.81		32.55	21.38	
6/19/2017	NM	NM		NM	NM		32.78	22.20		NM	NM		NM	NM		NM	NM		NM	NM	
7/27/2017	33.33	21.75		NM	NM		NM	NM		35.14	20.90		NM	NM		NM	NM		NM	NM	
1/25/2018	NM	NM		35.81	19.20		33.69	21.29		NM	NM		NM	NM		NM	NM		NM	NM	
9/19/2018	NM	NM		NM	NM		32.13	22.85		35.04	21.00		NM	NM		NM	NM		NM	NM	
3/26/2019	NM	NM		31.56	23.45		31.71	23.27		NM	NM		NM	NM		NM	NM		NM	NM	
WELL DESIGNATION	INJ-29			INJ-30			INJ-31			INJ-32			INJ-33			INJ-34			INJ-35		
DIAMETER	2	in		2	in		6	in		6	in		6	in		6	in		6	in	
WELL DEPTH	36.5	ft		42.5	ft		61	ft		78	ft		61.8	ft		63	ft		63	ft	
SCREEN INTERVAL	26.5 - 36.5	ft		32.5 - 42.5	ft		41 - 61*	ft		58 - 78*	ft		41.1 - 61.8*	ft		43 - 63*	ft		43 - 63*	ft	
TOC ELEVATION <sup>1</sup>	53.786	ft		55.50	ft		NM	ft		NM	ft		51.624	ft		51.942	ft		51.882	ft	
SCREEN ELEVATION <sup>1</sup>	27.286 to 17.286	ft		23.0 to 13.0	ft		NA	ft		NA	ft		NA	ft		NA	ft		NA	ft	
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP						
7/20/2016	32.54	21.25		33.86	21.64																
11/17/2016	NM	NM		NM	NM		NM	NM		19.25			33.62	18.00		34.04	17.90		33.88	18.00	
7/26/2017	NM	NM		NM	NM		NM	NM		NM	NM		NM	NM		33.04	18.90		NM	NM	
1/24/2018	33.17	20.62		35.30	20.20		NM	NM		NM	NM		NM	NM		33.34	18.60		NM	NM	
9/19/2018	NM	NM		34.15	21.35		NM	NM		NM	NM		NM	NM		NM	NM		NM	NM	

**TABLE 2**  
**MONITORING WELL COMPLETION AND GROUNDWATER ELEVATION SUMMARY**

## **Former Wyeth, Carolina Facility, Puerto Rico**

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
RBCC ( $1 \times 10^{-5}$ )	41,367	2,659	NA	NA	NA	2,010	NA	NA	NA	NA	NA
RBCC ( $1 \times 10^{-6}$ )	10,801	906	NA	NA	NA	201	NA	NA	NA	NA	NA
MW-01S	02/02/2011	0.5	2.8	1.2	0.50 U	0.50 U	0.50 U	NM	NM	NM	NM
	10/17/2011	0.64 I	3.2	0.80 I	0.50 U	0.50 U	0.50 U	NM	NM	NM	NM
	09/12/2012	0.72 I	2.3	0.50 U	0.50 U	0.50 U	0.50 U	1.2	0.12 I	0.20 U	0.037 I
	09/19/2018	1.0	1.6	0.50 U	0.50 U	0.50 U	1.0	NM	NM	NM	NM
MW-02S	02/02/2011	1.4	1,630	9.9	1,490	1,500	303	NM	NM	NM	NM
	10/18/2011	1.6	1,830	7.9	1,780	1,790	253	NM	NM	NM	NM
	09/11/2012	1.4	1,090	7.7	1,200	1,200	222	1.7	410	5.3	4.3
	04/17/2013	1.5	776	9.4	1,280	1,290	130	NM	NM	NM	NM
	12/04/2013	1.3	1,330	7.3	1,390	1,400	329	1.9	600	0.87	1.7
	02/03/2015	1.6	1,550	8.3	1,710	1,730	248	1.8	NM	NM	NM
	03/16/2015	1.3	1,230	7.4	1,370	1,380	186	1.9	200	5.0	2.8
	04/21/2015	1.6	1,260	9.3	1,440	1,450	157	1.9	150	3.9	2.3
	07/17/2015	NM	NM	NM	NM	NM	2.87	NM	NM	NM	NM
	07/24/2015	NM	NM	NM	NM	NM	1.51	NM	NM	NM	NM
	08/07/2015	1.4	1,560	8.3	1,640	1,660	257	1.90	NM	NM	NM
	01/17/2016	0.50 U	278	1.9	381	393	19.3	0.89 I	NM	NM	NM
	04/18/2016	0.56 I	661	5.0	1,080	1,110	354	1.90	NM	NM	NM
	07/26/2016	50.0 U	1,350	50.0 U	1,420	1,550	318	NM	NM	NM	NM
	12/21/2016	0.50 U	353	4.1	621	770	193	NM	NM	NM	NM
	06/20/2017	0.50 U	106	1.9	494	692	185	NM	NM	NM	NM
	09/21/2018	12.5 U	15.0 I	12.5 U	744	928	218	NM	NM	NM	NM
	03/26/2019	3.8 U	9.9 I	3.6 I	975	1,190	274	NM	NM	NM	NM
	09/23/2019	0.38 U	18.7	2.9	753	896	156	NM	NM	NM	NM

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

**Former Wyeth, Carolina Facility, Puerto Rico**

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
MW-02D	02/02/2011	0.50 U	<b>523</b>	<b>4.6</b>	<b>431</b>	<b>439</b>	<b>53.6</b>	NM	NM	NM	NM
	10/18/2011	0.50 U	<b>310</b>	<b>3.3</b>	<b>716</b>	<b>734</b>	<b>32.0</b>	NM	NM	NM	NM
	09/11/2012	0.50 U	<b>205</b>	<b>2.9</b>	<b>379</b>	<b>391</b>	<b>34.2</b>	<b>1.1</b>	<b>430</b>	<b>0.30</b>	<b>1.4</b>
	04/17/2013	0.50U	<b>104</b>	<b>4.3</b>	<b>257</b>	<b>303</b>	<b>20.1</b>	NM	NM	NM	NM
	12/03/2013	0.50 U	<b>347</b>	<b>4.9</b>	<b>653</b>	<b>671</b>	<b>46.0</b>	<b>1.4</b>	<b>350</b>	<b>5.0</b>	<b>3.7</b>
	02/03/2015	0.50 U	<b>341</b>	<b>2.1</b>	<b>481</b>	<b>496</b>	<b>20.5</b>	<b>1.0</b>	NM	NM	NM
	03/16/2015	0.50 U	<b>235</b>	<b>2.1</b>	<b>439</b>	<b>449</b>	<b>17.7</b>	<b>1.1</b>	<b>260</b>	<b>0.23</b>	<b>0.40</b>
	04/21/2015	0.50 U	<b>274</b>	<b>2.7</b>	<b>380</b>	<b>393</b>	<b>18.8</b>	<b>1.1</b>	<b>240</b>	<b>0.23</b>	<b>0.32</b>
	07/26/2016	12.5 U	<b>336</b>	<b>12.5 U</b>	<b>476</b>	<b>495</b>	<b>35.3</b>	NM	NM	NM	NM
	12/21/2016	0.50 U	<b>175</b>	<b>2.2</b>	<b>291</b>	<b>303</b>	<b>27.1</b>	NM	NM	NM	NM
	06/20/2017	0.50 U	<b>320</b>	<b>3.9</b>	<b>571</b>	<b>592</b>	<b>61.5</b>	NM	NM	NM	NM
	01/24/2018	0.50 U	<b>269</b>	<b>8.2</b>	<b>1,250</b>	<b>1,310</b>	<b>166</b>	NM	NM	NM	NM
	09/19/2018	12.5 U	<b>118</b>	12.5 U	<b>775</b>	<b>818</b>	<b>84.0</b>	NM	NM	NM	NM
	03/26/2019	3.8 U	<b>170</b>	<b>4.5 I</b>	<b>749</b>	<b>785</b>	<b>87.0</b>	NM	NM	NM	NM
	09/23/2019	0.38 U	<b>322</b>	<b>3.5</b>	<b>478</b>	<b>497</b>	<b>75.2</b>	NM	NM	NM	NM
MW-03S	02/02/2011	<b>85.4</b>	<b>20</b>	<b>6.9</b>	<b>32.2</b>	<b>32.6</b>	<b>4.3</b>	NM	NM	NM	NM
	10/18/2011	<b>133</b>	<b>34.3</b>	<b>7.5</b>	<b>46.9</b>	<b>47.3</b>	<b>4.1</b>	NM	NM	NM	NM
	09/12/2012	<b>110</b>	<b>30.0</b>	<b>7.5</b>	<b>46.6</b>	<b>46.8</b>	<b>4.2</b>	<b>1.4</b>	<b>1.0</b>	<b>0.19 I</b>	<b>0.14 I</b>
	04/17/2013	<b>68</b>	<b>37.9</b>	<b>9.8</b>	<b>54.4</b>	<b>54.9</b>	<b>3.5</b>	NM	NM	NM	NM
	12/04/2013	<b>132</b>	<b>36.8</b>	<b>7.2</b>	<b>45.9</b>	<b>46.2</b>	<b>6.3</b>	<b>1.5</b>	<b>0.46</b>	<b>0.16 I</b>	<b>0.045 I</b>
	09/20/2018	<b>89.0</b>	<b>22.9</b>	<b>3.5</b>	<b>27.2</b>	<b>27.5</b>	<b>2.1</b>	NM	NM	NM	NM
MW-03D	02/02/2011	0.50 U	<b>1.9</b>	<b>0.5</b>	<b>1.2</b>	0.50 U	0.50 U	NM	NM	NM	NM
	10/18/2011	0.50 U	<b>2.4</b>	<b>0.57 I</b>	<b>1.7</b>	<b>1.8</b>	0.50 U	NM	NM	NM	NM
	09/12/2012	0.50 U	<b>1.2</b>	0.50 U	<b>1.1</b>	<b>1.2</b>	0.50 U	<b>1.2</b>	<b>9.4</b>	<b>0.030 I</b>	<b>0.15 I</b>
	04/17/2013	0.50U	<b>1.6</b>	0.5	<b>1.5</b>	<b>2.1</b>	0.50U	NM	NM	NM	NM
	12/04/2013	<b>5.4</b>	<b>1.3</b>	<b>0.70 I</b>	<b>1.6</b>	<b>2.2</b>	0.50 U	<b>1.2</b>	<b>7.7</b>	<b>0.048 I</b>	<b>0.36</b>

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
MW-04S	02/02/2011	0.50 U	0.50 U	<b>0.5</b>	0.50 U	0.50 U	0.50 U	NM	NM	NM	NM
	10/17/2011	0.50 U	0.50 U	<b>0.58 I</b>	0.50 U	0.50 U	0.50 U	NM	NM	NM	NM
	09/12/2012	0.50 U	0.50 U	<b>0.54 I</b>	0.50 U	0.50 U	0.50 U	0.50 U	<b>9.1</b>	<b>0.010 I</b>	<b>0.027 I</b>
MW-05S	02/02/2011	0.50 U	<b>1.8</b>	<b>1.7</b>	<b>0.5</b>	<b>0.5</b>	0.50 U	NM	NM	NM	NM
	10/17/2011	0.50 U	<b>2.4</b>	<b>0.74 I</b>	<b>0.59 I</b>	<b>0.59 I</b>	0.50 U	NM	NM	NM	NM
	09/12/2012	0.50 U	<b>2.1</b>	<b>1.1</b>	<b>0.74 I</b>	<b>0.74 I</b>	0.50 U	<b>0.72 I</b>	<b>2.6</b>	<b>0.070 I</b>	<b>0.064 I</b>
	12/05/2013	0.50 U	<b>3.7</b>	<b>1.2</b>	<b>0.79 I</b>	<b>0.79 I</b>	0.50 U	<b>1.1</b>	<b>1.9</b>	0.018 U	<b>0.022 I</b>
MW-06S	02/02/2011	0.50 U	<b>19</b>	<b>7.4</b>	<b>4.1</b>	<b>4.1</b>	0.50 U	NM	NM	NM	NM
	10/18/2011	0.50 U	<b>17.9</b>	<b>5.9</b>	<b>4.4</b>	<b>4.4</b>	0.50 U	NM	NM	NM	NM
	09/11/2012	0.50 U	<b>17.8</b>	<b>5.0</b>	<b>3.5</b>	<b>3.5</b>	0.50 U	<b>0.91 I</b>	<b>3.0</b>	<b>0.017 I</b>	<b>0.052 I</b>
	12/05/2013	0.50 U	<b>26.0</b>	<b>6.3</b>	<b>4.4</b>	<b>4.5</b>	0.50 U	<b>0.76 I</b>	<b>3.3</b>	0.018 U	<b>0.030 I</b>

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Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
MW-07S	10/17/2011	2.2	538	2.1	324	327	41.6	NM	NM	NM	NM
	09/11/2012	2.1	467	2.7	309	312	77.2	1.8	0.20 U	0.20 U	0.20 U
	04/17/2013	3.0	375	4.1	403	408	70.8	NM	NM	NM	NM
	12/03/2013	1.9	703	3.5	494	497	99.2	2.3	120	2.0	0.63
	02/03/2015	1.7	666	2.4	509	519	68.7	2.1	NM	NM	NM
	03/17/2015	1.5	645	3.6	547	552	92.5	2.0	72	1.8	0.62
	04/22/2015	2.0	744	4.5	636	643	100	2.0	75	2.2	0.69
	07/17/2015	NM	NM	NM	NM	NM	NM	57.6	NM	NM	NM
	07/21/2015	NM	NM	NM	NM	NM	NM	10.5	NM	NM	NM
	07/28/2015	NM	NM	NM	NM	NM	NM	3.61	NM	NM	NM
	07/31/2015	1.2 U	68.9	6.2	1,536	1,546	1.2 U	NM	NM	NM	NM
	08/11/2015	2.5 U	315	4.7 I	1,210	1,220	116	2.4	NM	NM	NM
	01/17/2016	0.50 U	3.1	0.50 U	11.4	25.1	1,060	48.0	NM	NM	NM
	04/18/2016	0.50 U	23.6	0.76 I	77.8	84.8	186	4.6	NM	NM	NM
	07/26/2016	2.5 U	14.7	2.5 U	248	300	223	2.8	5,370	3.8 I	92.7
	12/21/2016	0.50 U	0.50 U	1.5	285	358	193	NM	NM	NM	NM
	06/20/2017	0.50 U	0.66 I	0.50 U	23	34	23	NM	1,330	4.9 U	6.9 I
	01/23/2018	0.50 U	0.50 U	0.59 I	209	275	170	NM	NM	NM	NM
	09/24/2018	0.50 U	0.80 I	0.74 I	301	377	197	NM	NM	NM	NM
	03/25/2019	1.9 U	1.8 U	1.4 U	408	518	236	NM	NM	NM	NM
	09/25/2019	0.38 U	0.36 U	1.6	379	467	123	NM	NM	NM	NM

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Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
MW-07D	10/17/2011	0.50 U	<b>12.5</b>	0.50 U	<b>116</b>	<b>134</b>	<b>1.9</b>	NM	NM	NM	NM
	09/11/2012	0.50 U	0.50 U	0.50 U	<b>90.5</b>	<b>109</b>	<b>1.7</b>	<b>1.4</b>	<b>140</b>	<b>0.080 I</b>	<b>0.73</b>
	04/17/2013	0.50 U	<b>7.8</b>	0.50 U	<b>95.4</b>	<b>122</b>	<b>2.3</b>	NM	NM	NM	NM
	12/03/2013	0.50 U	<b>3.1</b>	0.50 U	<b>114</b>	<b>139</b>	<b>2.4</b>	<b>1.4</b>	<b>340</b>	<b>0.051 I</b>	<b>2.1</b>
	02/03/2015	0.50 U	0.50 U	0.50 U	<b>141</b>	<b>182</b>	<b>1.2</b>	<b>1.5</b>	NM	NM	NM
	03/16/2015	0.50 U	0.50 U	0.50 U	<b>155</b>	<b>188</b>	<b>1.4</b>	<b>1.2</b>	<b>590</b>	<b>0.02</b>	<b>1.2</b>
	04/21/2015	0.50 U	<b>3.0</b>	0.50 U	<b>172</b>	<b>215</b>	<b>3.1</b>	<b>1.1</b>	<b>330</b>	<b>0.03</b>	<b>1.0</b>
	07/17/2015	NM	NM	NM	NM	NM	NM	<b>3.28</b>	NM	NM	NM
	07/21/2015	NM	NM	NM	NM	NM	NM	<b>3.83</b>	NM	NM	NM
	07/28/2015	NM	NM	NM	NM	NM	NM	<b>3.39</b>	NM	NM	NM
	08/11/2015	0.50 U	<b>0.59 I</b>	0.50 U	<b>133</b>	<b>163</b>	<b>4.6</b>	<b>1.2</b>	NM	NM	NM
	12/21/2016	0.50 U	<b>3.9</b>	0.50 U	<b>118</b>	<b>148</b>	<b>8.6</b>	NM	NM	NM	NM
	01/23/2018	0.50 U	0.50 U	0.50 U	0.50 U	<b>0.86 I</b>	<b>0.52 I</b>	NM	NM	NM	NM
	09/25/2018	0.50 U	0.50 U	0.50 U	<b>1.1</b>	<b>1.4</b>	0.50 U	NM	NM	NM	NM
	09/24/2019	0.38 U	0.36 U	0.27 U	0.27 U	0.27 U	0.39 U	NM	NM	NM	NM
MW-08S	10/17/2011	<b>25.9</b>	<b>12.1</b>	<b>2.3</b>	<b>10</b>	<b>10</b>	<b>2.1</b>	NM	NM	NM	NM
	09/12/2012	<b>31.4</b>	<b>11.3</b>	<b>2.4</b>	<b>10.7</b>	<b>10.7</b>	0.50 U	<b>1.2</b>	<b>0.35</b>	<b>0.059 I</b>	<b>0.086 I</b>
	12/05/2013	<b>10.9</b>	<b>4.3</b>	<b>0.85 I</b>	<b>2.9</b>	<b>2.9</b>	0.50 U	<b>1.2</b>	<b>0.48</b>	0.018 U	<b>0.035 I</b>
MW-09S	10/17/2011	0.50 U	<b>14.3</b>	<b>9.2</b>	<b>0.99 I</b>	<b>0.99 I</b>	0.50 U	NM	NM	NM	NM
	09/11/2012	0.50 U	<b>13.7</b>	<b>8.5</b>	<b>0.76 I</b>	<b>0.76 I</b>	0.50 U	1.0 I	<b>0.68</b>	0.20 U	<b>0.050 I</b>
	12/04/2013	0.50 U	<b>13.7</b>	<b>8.1</b>	<b>0.85 I</b>	<b>0.85 I</b>	0.50 U	0.94 I	<b>1.3</b>	0.018 U	<b>0.026 I</b>
	09/20/2018	0.50 U	<b>8.1</b>	<b>4.0</b>	<b>0.86 I</b>	<b>0.97 I</b>	0.50 U	NM	NM	NM	NM
MW-10S	12/03/2013	<b>29.7</b>	<b>11.6</b>	<b>2.8</b>	<b>10.8</b>	<b>10.8</b>	<b>1.3</b>	<b>1.8</b>	<b>1.0</b>	<b>0.37</b>	<b>0.032 I</b>
	09/20/2018	<b>30.6</b>	<b>14.4</b>	<b>2.8</b>	<b>18.1</b>	<b>18.3</b>	<b>1.8</b>	NM	NM	NM	NM

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Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
MW-11S	12/03/2013	0.50 U	<b>62.6</b>	0.50 U	<b>8.1</b>	<b>8.8</b>	1.3	<b>2.3</b>	<b>8.6</b>	<b>2.0</b>	<b>0.84</b>
	09/21/2018	<b>0.74 I</b>	<b>128</b>	<b>0.94 I</b>	<b>30.0</b>	<b>34.3</b>	4.1	NM	NM	NM	NM
	09/23/2019	<b>0.45 I</b>	<b>129</b>	1.4	<b>58.8</b>	<b>67.6</b>	8.4	NM	NM	NM	NM
MW-12S	12/02/2013	<b>28.3</b>	<b>109</b>	<b>2.9</b>	<b>44.0</b>	<b>44.6</b>	1.6	<b>1.2</b>	<b>4.2</b>	<b>0.49</b>	<b>0.53</b>
	09/20/2018	<b>14.5</b>	<b>119</b>	1.3	<b>32.1</b>	<b>32.9</b>	<b>0.72 I</b>	NM	NM	NM	NM
MW-13S	12/02/2013	<b>3.5</b>	<b>3,510</b>	12.1	<b>2,610</b>	<b>2,640</b>	<b>429</b>	<b>2.5</b>	<b>550</b>	<b>14</b>	<b>13</b>
	12/2/2013 <sup>1</sup>	<b>3.2</b>	<b>2,770</b>	13.9	<b>1,890</b>	<b>1,920</b>	<b>324</b>	NM	<b>540</b>	<b>14</b>	<b>14</b>
	03/16/2015	<b>0.85 I</b>	<b>1,310</b>	5.3	<b>1,630</b>	<b>1,640</b>	<b>134</b>	<b>4.9</b>	<b>100</b>	<b>2.0</b>	<b>3.2</b>
	04/20/2015	<b>1.3</b>	<b>1,390</b>	<b>14.0</b>	<b>3,100</b>	<b>3,140</b>	<b>274</b>	<b>4.6</b>	<b>210</b>	<b>5.3</b>	<b>10</b>
	04/19/2016	0.50 U	<b>1.2</b>	0.50 U	<b>2.6</b>	<b>18.4</b>	<b>5.1</b>	<b>12.8</b>	NM	NM	NM
	07/25/2016	0.50 U	<b>89.9</b>	6.2	<b>2,040</b>	<b>2,080</b>	<b>553</b>	NM	NM	NM	NM
	12/21/2016	0.50 U	<b>31.1</b>	0.50 U	<b>158</b>	<b>347</b>	74	NM	NM	NM	NM
	06/20/2017	0.50 U	<b>161</b>	<b>2.5</b>	<b>256</b>	<b>606</b>	<b>85.1</b>	NM	NM	NM	NM
	01/25/2018	0.50 U	<b>11.4</b>	0.50 U	<b>76.2</b>	<b>502</b>	<b>109</b>	NM	NM	NM	NM
	09/17/2018	0.50 U	<b>0.91 I</b>	0.50 U	<b>2.1</b>	<b>10.6</b>	<b>9.6</b>	NM	NM	NM	NM
	09/26/2019	0.38 U	0.36 U	0.27 U	<b>123</b>	<b>233</b>	<b>99.5</b>	NM	NM	NM	NM
MW-14S	12/04/2013	0.50 U	<b>1.2</b>	0.50 U	0.50 U	0.50 U	0.50 U	<b>1.8</b>	<b>12.0</b>	<b>5.2</b>	<b>0.13 I</b>
MW-15S	12/02/2013	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	<b>3.3</b>	<b>52</b>	<b>11</b>	<b>2.9</b>
	09/21/2018	0.50 U	<b>1.5</b>	0.50 U	0.50 U	0.50 U	0.50 U	NM	NM	NM	NM

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene [Total]*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
MW-16S	02/03/2015	3.9	4,000	20.3	4,210	4,300	547	2.5	1,000	24	14
	03/16/2015	3.5	2,370	16.3	3,180	3,210	397	2.6	800	13	8.4
	04/21/2015	3.4	2,630	20.0	2,980	3,010	383	2.5	740	15	8.3
	07/17/2015	NM	NM	NM	NM	NM	NM	3	NM	NM	NM
	07/24/2015	NM	NM	NM	NM	NM	NM	2	NM	NM	NM
	08/07/2015	2.8	3,560	18.0	3,940	4,100	709	2.9	NM	NM	NM
	12/04/2015	0.50 U	144	0.50 U	969	1,000	2,570	7.9	NM	NM	NM
	01/17/2016	0.50 U	290	3.2	737	791	1,020	3.7	NM	NM	NM
	04/19/2016	NM	NM	NM	NM	NM	NM	3.9	NM	NM	NM
	07/26/2016	0.50 U	58.7	0.57 I	159	307	117	3.9	7,410	31.6	62.6
	12/21/2016	0.50 U	21.6	0.50 U	194	378	156	NM	NM	NM	NM
	06/20/2017	0.50 U	33.8	1.2	360	645	237	NM	2,260	85.6	63.3
	09/19/2018	12.5 U	12.5 U	12.5 U	727	999	903	NM	NM	NM	NM
	03/26/2019	3.8 U	9.1 I	3.1 I	607	929	1,470	NM	NM	NM	NM
	09/24/2019	0.38 U	24.6	6.1	942	1,190	860	NM	NM	NM	NM

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene [Total]*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
MW-17S	02/04/2015	1.4	5,930	62.1	9,380	9,530	658	4.2	1,200	41	10
	03/16/2015	0.50 U	826	59.4	10,200	10,300	1,080	7.7	540	18	5.8
	04/20/2015	0.73 l	2,020	67.7	9,080	9,220	810	4.3	920	38	11
	07/08/2015	NM	NM	NM	NM	NM	NM	1,629	NM	NM	NM
	07/13/2015	NM	NM	NM	NM	NM	NM	1,652	NM	NM	NM
	07/17/2015	NM	NM	NM	NM	NM	NM	1,479	NM	NM	NM
	07/24/2015	NM	NM	NM	NM	NM	NM	1,522	NM	NM	NM
	08/07/2015	0.50 U	0.83 l	0.99 l	4.9	85	1,830	436	NM	NM	NM
	09/11/2015	6.0 U	6.0 U	6.0 U	409	409	26.0	451	NM	NM	NM
	12/04/2015	0.50 U	0.80 l	0.50 U	4.5	10.6	18.3	245	NM	NM	NM
	07/27/2016	0.50 U	25.2	0.50 U	7.5	11.1	16.4	28.4	2,150	11.4	5.4 l
	12/21/2016	0.50 U	3.4	0.50 U	19.9	35.2	26.6	NM	NM	NM	NM
	06/21/2017	0.50 U	11.0	1.3	300	482	260	NM	NM	NM	NM
	09/17/2018	0.50 U	1.5	0.50 U	13.5	20.2	27.5	NM	NM	NM	NM
	03/28/2019	0.38 U	0.48 l	0.27 U	5.5	10.2	7.0	NM	NM	NM	NM
	09/25/2019	0.38 U	0.36 U	0.27 U	11.1	26.3	12.3	NM	NM	NM	NM
MW-18S	02/04/2015	0.68 l	3,190	36.6	5,440	5,530	354	3.2	1,200	21	5
	03/16/2015	0.50 U	220	42.6	8,160	8,250	414	4.3	960	16	3.9
	04/20/2015	0.50 U	917	45.2	5,340	5,430	449	4.4	790	16	5.0
	07/08/2015	NM	NM	NM	NM	NM	NM	1,290	NM	NM	NM
	07/13/2015	NM	NM	NM	NM	NM	NM	1,269	NM	NM	NM
	07/17/2015	NM	NM	NM	NM	NM	NM	892	NM	NM	NM
	07/24/2015	NM	NM	NM	NM	NM	NM	649	NM	NM	NM
	08/07/2015	0.50 U	0.50 U	0.50 U	2.3	61.9	1,820	424	NM	NM	NM
	09/11/2015	12.0 U	12.0 U	12.0 U	54.8	86.9	114	556	NM	NM	NM
	06/20/2017	0.50 U	108	1.8	341	571	773	NM	NM	NM	NM
	01/25/2018	0.50 U	3.2	0.54 l	134	375	343	NM	NM	NM	NM
	09/17/2018	0.50 U	0.50 U	0.50 U	2.0	5.2	4.1	NM	NM	NM	NM
	03/28/2019	0.38 U	0.36 U	0.27 U	2.0	6.5	4.3	NM	NM	NM	NM
	09/26/2019	0.38 U	0.36 U	0.27 U	51.1	112	129	NM	NM	NM	NM

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
MW-19S	07/07/2015	1.2 U	<b>556</b>	<b>12.8</b>	<b>4,502</b>	<b>4,543</b>	<b>317</b>	<b>3.43</b>	NM	NM	NM
	07/10/2015	NM	NM	NM	NM	NM	NM	<b>286</b>	NM	NM	NM
	07/13/2015	NM	NM	NM	NM	NM	NM	<b>225</b>	NM	NM	NM
	07/17/2015	NM	NM	NM	NM	NM	NM	<b>149</b>	NM	NM	NM
	07/24/2015	NM	NM	NM	NM	NM	NM	<b>91.9</b>	NM	NM	NM
	08/07/2015	0.50 U	<b>8.8</b>	0.50 U	<b>166</b>	<b>212</b>	<b>486</b>	<b>29.9</b>	NM	NM	NM
	09/11/2015	12.0 U	12.0 U	12.0 U	12.0 U	<b>28.4</b>	12.0 U	<b>3.74</b>	NM	NM	NM
	04/19/2016	0.50 U	0.50 U	0.50 U	<b>2.4</b>	<b>5.4</b>	<b>5</b>	<b>3.4</b>	NM	NM	NM
	12/21/2016	0.50 U	<b>1.8</b>	0.50 U	<b>12.3</b>	<b>22.0</b>	<b>11</b>	NM	NM	NM	NM
MW-20S	07/07/2015	1.2 U	<b>532</b>	<b>9.00</b>	<b>2,544</b>	<b>2,568</b>	<b>181</b>	<b>1.64</b>	NM	NM	NM
	07/10/2015	NM	NM	NM	NM	NM	NM	<b>216</b>	NM	NM	NM
	07/13/2015	NM	NM	NM	NM	NM	NM	<b>35.7</b>	NM	NM	NM
	07/17/2015	NM	NM	NM	NM	NM	NM	<b>6.36</b>	NM	NM	NM
	07/24/2015	NM	NM	NM	NM	NM	NM	<b>8.55</b>	NM	NM	NM
	08/07/2015	0.50 U	<b>151</b>	<b>4.4</b>	<b>645</b>	<b>670</b>	<b>426</b>	<b>2.30</b>	NM	NM	NM
	09/11/2015	12.0 U	12.0 U	12.0 U	12.0 U	<b>35.6</b>	12.0 U	<b>188</b>	NM	NM	NM
	01/17/2016	0.50 U	<b>113</b>	<b>1.6</b>	<b>193</b>	<b>244</b>	<b>61.3</b>	<b>2.2</b>	NM	NM	NM
	04/19/2016	NM	NM	NM	NM	NM	NM	<b>2.2</b>	NM	NM	NM
	07/27/2016	0.50 U	<b>103</b>	<b>1.8</b>	<b>159</b>	<b>224</b>	<b>68.8</b>	NM	NM	NM	NM
	09/18/2018	0.50 U	<b>13.7</b>	<b>1.1</b>	<b>120</b>	<b>203</b>	<b>77.2</b>	NM	NM	NM	NM
	03/28/2019	0.38 U	<b>37.5</b>	<b>3.2</b>	<b>474</b>	<b>621</b>	<b>192</b>	NM	NM	NM	NM
	09/26/2019	0.38 U	<b>73.2</b>	<b>2.2</b>	<b>202</b>	<b>289</b>	<b>91.6</b>	NM	NM	NM	NM

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

**Former Wyeth, Carolina Facility, Puerto Rico**

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene [Total]*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
MW-21S	07/10/2015	1.2 U	1,649	7.0	3,282	3,292	298	2.16	NM	NM	NM
	07/17/2015	NM	NM	NM	NM	NM	NM	131	NM	NM	NM
	07/21/2015	NM	NM	NM	NM	NM	NM	6.47	NM	NM	NM
	07/28/2015	NM	NM	NM	NM	NM	NM	3.10	NM	NM	NM
	07/31/2015	1.2 U	1,511	7.0	1,608	1,621	1.2 U	NM	NM	NM	NM
	08/11/2015	2.5 U	1,970	8.2	1,480	1,490	214	2.4	NM	NM	NM
	04/18/2016	0.50 U	141	3.9	776	793	816	2.5	NM	NM	NM
	07/26/2016	12.5 U	161	12.5 U	1,400	1,460	457	NM	NM	NM	NM
	12/21/2016	0.50 U	119	5.4	858	948	232	NM	NM	NM	NM
	06/20/2017	0.50 U	10.6	0.63 I	159	205	117	NM	884	12.5	4.0 I
	01/23/2018	0.50 U	43.0	2.9	785	938	351	NM	NM	NM	NM
	09/24/2018	0.50 U	8.1	0.98 I	348	460	253	NM	NM	NM	NM
	03/26/2019	1.9 U	9.2	2.1 I	591	712	266	NM	NM	NM	NM
	09/25/2019	0.38 U	22.2	2.7	660	785	189	NM	NM	NM	NM
MW-22S	01/17/2016	0.50 U	5.9	0.50 U	2.8	3.0	1.0	5.6	NM	NM	NM
	09/24/2018	0.50 U	1.3	0.50 U	1.1	1.1	0.50 U	NM	NM	NM	NM
MW-23S	01/17/2016	1.2	246	2.5	35.9	40.2	2.4	1.6	NM	NM	NM
	07/27/2016	1.3	263	3.8	42.5	48.8	3.0	NM	NM	NM	NM
	09/24/2019	1.2	209	2.8	33.0	37.2	2.9	NM	NM	NM	NM

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
MW-24S	01/17/2016	0.50 U	<b>153</b>	0.50 U	<b>56.5</b>	<b>57</b>	<b>18.0</b>	<b>2.6</b>	NM	NM	NM
	04/20/2016	0.50 U	<b>55.6</b>	0.55 I	<b>102</b>	<b>103</b>	<b>7.6</b>	<b>3.3</b>	NM	NM	NM
	07/27/2016	0.50 U	<b>145</b>	0.66 I	<b>53.4</b>	<b>53.9</b>	<b>6.3</b>	NM	NM	NM	NM
	12/21/2016	0.50 U	<b>109</b>	0.50 U	<b>36.3</b>	<b>37.0</b>	<b>5.6</b>	NM	NM	NM	NM
MW-26S	06/21/2017	<b>17.7</b>	<b>684</b>	1.3	<b>69.1</b>	<b>74.5</b>	<b>37.9</b>	NM	NM	NM	NM
	09/18/2018	0.50 U	<b>0.55 I</b>	0.50 U	<b>2.0</b>	<b>6.1</b>	<b>9.5</b>	NM	NM	NM	NM
	09/27/2019	0.38 U	0.36 U	0.27 U	<b>2.9</b>	<b>4.2</b>	<b>0.54 I</b>	NM	NM	NM	NM
MW-28S	11/18/2016	0.50 U	<b>35.2</b>	0.50 U	<b>7.1</b>	<b>7.5</b>	0.50 U	NM	NM	NM	NM
	09/19/2018	0.50 U	<b>72.8</b>	<b>0.74 I</b>	<b>15.4</b>	<b>19.5</b>	<b>4.4</b>	NM	NM	NM	NM
	10/02/2019	0.38 U	<b>59.0</b>	<b>0.51 I</b>	<b>14.8</b>	<b>19.0</b>	<b>3.1</b>	NM	NM	NM	NM
MW-29S	06/21/2017	0.50 U	<b>26.0</b>	0.50 U	<b>8.7</b>	<b>9.2</b>	<b>2.0</b>	NM	<b>41.2</b>	4.9 U	0.68 U
MW-30D	11/18/2016	0.50 U	<b>4.8</b>	0.50 U	<b>2.3</b>	<b>2.4</b>	0.50 U	NM	NM	NM	NM
MW-31S	06/20/2017	<b>0.61 I</b>	<b>119</b>	0.50 U	<b>23.2</b>	<b>39.2</b>	<b>19.4</b>	NM	NM	NM	NM
	01/23/2018	0.50 U	<b>6.5</b>	0.50 U	<b>15.7</b>	<b>23.9</b>	<b>26.6</b>	NM	NM	NM	NM
	09/25/2018	0.50 U	<b>6.7</b>	0.50 U	<b>40.6</b>	<b>51.3</b>	<b>42.6</b>	NM	NM	NM	NM
INJ-1	07/17/2015	NM	NM	NM	NM	NM	NM	<b>488</b>	NM	NM	NM
	07/21/2015	NM	NM	NM	NM	NM	NM	<b>452</b>	NM	NM	NM
	07/28/2015	NM	NM	NM	NM	NM	NM	<b>92.6</b>	NM	NM	NM
	08/11/2015	2.5 U	2.5 U	2.5 U	<b>25.5</b>	<b>47.6</b>	<b>543</b>	<b>117</b>	NM	NM	NM

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

**Former Wyeth, Carolina Facility, Puerto Rico**

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
INJ-2	02/03/2015	1.4	1,170	4.2	982	1,020	146	NM	NM	NM	NM
	04/21/2015	1.7	1,250	7.4	1,200	1,210	162	1.9	900	4.6	1.6
	07/17/2015	NM	NM	NM	NM	NM	NM	775	NM	NM	NM
	07/21/2015	NM	NM	NM	NM	NM	NM	703	NM	NM	NM
	07/28/2015	NM	NM	NM	NM	NM	NM	556	NM	NM	NM
	07/31/2015	1.2 U	2.8	3.0	931	936	1.2 U	NM	NM	NM	NM
	08/11/2015	2.5 U	2.5 U	4.3 I	1,470	1,480	91.8	687	NM	NM	NM
INJ-3											
	04/22/2015	1.8	1,750	9.3	1,480	1,490	183	2.2	590	5.0	1.6
	07/17/2015	NM	NM	NM	NM	NM	NM	5,145	NM	NM	NM
	07/21/2015	NM	NM	NM	NM	NM	NM	739	NM	NM	NM
	07/28/2015	NM	NM	NM	NM	NM	NM	231	NM	NM	NM
	08/11/2015	2.5 U	5.2	10.1	3,540	3,560	206	94.7	NM	NM	NM
	07/28/2016	0.50 U	11.2	0.50 U	48.0	88.7	160	8.2	NM	NM	NM
	01/23/2018	0.50 U	0.50 U	0.50 U	9.5	13.2	11.2	NM	NM	NM	NM
INJ-4	09/25/2019	0.50 U	0.50 U	0.50 U	1.6	8.2	10.1	NM	NM	NM	NM
	07/17/2015	NM	NM	NM	NM	NM	NM	2.90	NM	NM	NM
	07/21/2015	NM	NM	NM	NM	NM	NM	1.64	NM	NM	NM
	07/28/2015	NM	NM	NM	NM	NM	NM	1.37	NM	NM	NM
	08/11/2015	2.5 U	1,290	6.6	1,540	1,580	159	1.5	NM	NM	NM
	04/19/2016	NM	NM	NM	NM	NM	NM	126	NM	NM	NM
	07/27/2017	0.50 U	7.5	0.50U	169	218	78	13.4	NM	NM	NM
INJ-5	02/03/2015	3.1	2,260	13.8	3,000	3,050	373	NM	NM	NM	NM
	04/21/2015	1.7	1,210	14.7	2,650	2,690	304	2.3	1,400	12	6.7
	07/26/2017	0.50 U	0.61 I	0.50 U	177	363	172	8.7	NM	NM	NM

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**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
INJ-6	04/21/2015	3.2	2,210	16.9	3,710	3,750	451	3.3	650	25	12
	04/19/2016	NM	NM	NM	NM	NM	NM	55	NM	NM	NM
	07/27/2017	0.50 U	0.56 I	6.1	1,840	2,340	1,000	NM	NM	NM	NM
	03/27/2019	9.5 U	9.0 U	6.8 U	172	314	1,480	NM	NM	NM	NM
	10/01/2019	0.38 U	0.73 I	2.5	775	887	1,150	NM	NM	NM	NM
INJ-7	04/20/2015	0.50 U	29.6	1.5	315	331	119	2.5	360	1.5	110
	07/17/2015	NM	NM	NM	NM	NM	NM	116	NM	NM	NM
	08/07/2015	0.50 U	0.50 U	0.50 U	2.4	10.6	39.8	274	NM	NM	NM
	01/17/2016	0.50 U	19.9	0.50 U	27.6	54.1	48.1	6.3	NM	NM	NM
INJ-8	07/17/2015	NM	NM	NM	NM	NM	NM	6,110	NM	NM	NM
	08/07/2015	0.50 U	0.50 U	0.50 U	10.6	19.6	17.9	522	NM	NM	NM
INJ-9	02/04/2015	0.50 U	1,600	24.4	3,860	3,920	379	NM	NM	NM	NM
	07/13/2015	NM	NM	NM	NM	NM	NM	1,041	NM	NM	NM
	07/13/2015	NM	NM	NM	NM	NM	NM	1,031	NM	NM	NM
	07/17/2015	NM	NM	NM	NM	NM	NM	470	NM	NM	NM
	07/24/2015	NM	NM	NM	NM	NM	NM	297	NM	NM	NM
	08/07/2015	0.50 U	0.61 I	0.50 U	5.9	34.9	420	344	NM	NM	NM
	09/11/2015	NM	NM	NM	NM	NM	NM	226	NM	NM	NM
	04/19/2016	NM	NM	NM	NM	NM	NM	21.2	NM	NM	NM
INJ-10	02/03/2015	0.50 U	2,020	37.0	4,690	4,780	444	NM	NM	NM	NM
	04/20/2015	0.50 U	634	29.7	4,970	5,510	1,090	4.8	820	16	5.7
	07/13/2015	NM	NM	NM	NM	NM	NM	1,654	NM	NM	NM
	07/17/2015	NM	NM	NM	NM	NM	NM	591	NM	NM	NM
	07/24/2015	NM	NM	NM	NM	NM	NM	1,231	NM	NM	NM
	08/07/2015	0.50 U	0.85 I	0.50 U	14.2	53.3	1,410	531	NM	NM	NM
	09/11/2015	NM	NM	NM	NM	NM	NM	3.57	NM	NM	NM
	04/19/2016	NM	NM	NM	NM	NM	NM	71.5	NM	NM	NM

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
INJ-11	07/17/2015	NM	NM	NM	NM	NM	NM	1,254	NM	NM	NM
	08/07/2015	0.50 U	1.5	0.50 U	25.2	26.7	4.9	921	NM	NM	NM
INJ-12	04/20/2015	0.50 U	169	15.8	1,250	1,370	236	4.2	510	1.1	28
	07/17/2015	NM	NM	NM	NM	NM	NM	1,300	NM	NM	NM
	08/07/2015	0.50 U	0.50 U	0.50 U	7.3	59.6	167	801	NM	NM	NM
INJ-15	07/10/2015	1.2 U	1,225	7.50	1,170	1,180	235	NM	NM	NM	NM
	07/17/2015	NM	NM	NM	NM	NM	NM	1,403	NM	NM	NM
	07/21/2015	NM	NM	NM	NM	NM	NM	734	NM	NM	NM
	07/28/2015	NM	NM	NM	NM	NM	NM	223	NM	NM	NM
	07/31/2015	1.2 U	595	7.3	2,022	2,030	1.2 U	NM	NM	NM	NM
	08/11/2015	2.5 U	3.2 I	12.5	3,630	3,670	220	70.4	NM	NM	NM
	01/17/2016	0.50 U	0.54 I	0.50 U	29.9	33.0	291	72.3	NM	NM	NM
INJ-16	01/17/2016	2.0	1,810	8.2	1,810	1,830	421	2.7	NM	NM	NM
	04/18/2016	0.50 U	35.6	0.50 U	203	229	163	10.6	NM	NM	NM
	07/27/2017	0.50 U	6.7	2.2	639	829	193	3.7	NM	NM	NM
	11/13/2019	0.38 U	0.40 I	1.1	395	471	160	NM	NM	NM	NM
INJ-17	01/17/2016	1.1	786	2.0	184	189	12.4	3.1	NM	NM	NM
INJ-18	01/17/2016	2.1	1,760	10	2,290	2,310	508	3.3	NM	NM	NM
	04/19/2016	NM	NM	NM	NM	NM	NM	46.8	NM	NM	NM
	07/27/2017	0.50 U	19.4	2.6	669	854	138	6.9	NM	NM	NM
INJ-20	01/17/2016	0.50 U	391	1.5	222	224	17.7	1.0	NM	NM	NM
INJ-21	01/17/2016	0.50 U	252	1.0	105	106	4.8	1.1	NM	NM	NM
INJ-22	07/27/2017	0.50 U	35	3.5	754	1,070	209	2.6	NM	NM	NM

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene ([Total])*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
INJ-23	01/17/2016	2.0	1,250	12.2	3,150	3,170	820	2.9	NM	NM	NM
	01/25/2018	0.50 U	19.7	5.1	1,200	1,890	1,910	NM	NM	NM	NM
	03/27/2019	9.5 U	9.0 U	6.8 U	9.5 I	13.9 I	9.8 U	NM	NM	NM	NM
	10/01/2019	0.38 U	0.36 U	0.27 U	10.6	12.3	7.3	NM	NM	NM	NM
INJ-24	01/17/2016	5.9	3,870	9.9	1,610	1,630	238	2.3	NM	NM	NM
	04/20/2016	0.50 U	0.50 U	0.50 U	12.8	23.3	8.1	220	NM	NM	NM
	07/27/2016	0.50 U	22.5	0.50 U	49.9	55.1	18.8	26.6	NM	NM	NM
	06/20/2017	0.70 I	1,120	5.4	1,240	1,970	328	NM	NM	NM	NM
	01/25/2018	0.50 U	763	8.2	1,450	2,310	253	NM	NM	NM	NM
	09/19/2018	0.50 U	16.3	0.50 U	120	152	7.7	NM	NM	NM	NM
	03/27/2019	9.5 U	9.0 U	6.8 U	7.1 I	15.5 I	9.8 U	NM	NM	NM	NM
	10/01/2019	0.38 U	0.36 U	0.27 U	3.0	4.4	1.4	NM	NM	NM	NM
INJ-25	07/27/2017	0.50 U	217	7.6	942	1,190	353	5.1	NM	NM	NM
	09/18/2018	0.50 U	0.50 U	0.50 U	2.2	6.6	3.7	NM	NM	NM	NM
INJ-26	01/17/2016	0.67 I	155	1.1	134	135	21.4	2.0	NM	NM	NM
INJ-27	07/26/2016	0.61 I	237	2.6	33.1	37.2	2.9	NM	NM	NM	NM
INJ-28	07/26/2016	0.50 U	191	0.50 U	21.6	22.4	1.6	NM	NM	NM	NM
INJ-29	07/26/2016	0.90 I	1,740	1.4	244	249	8.0	2.0	NM	NM	NM
	01/24/2018	0.50 U	0.55 I	0.50 U	3.7	5.0	3.4	NM	NM	NM	NM
	10/02/2019	0.38 U	0.36 U	0.36 I	164	198	107	NM	NM	NM	NM

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
INJ-30	07/27/2016	2.4	2,180	11.3	279	301	35.7	NM	NM	NM	NM
	01/24/2018	0.80 I	561	3.7	375	388	262	NM	NM	NM	NM
	09/19/2018	0.50 U	4.9	0.50 U	43.4	47.6	3.3	NM	NM	NM	NM
	09/30/2019	0.38 U	8.5	1.5	571	593	252	NM	NM	NM	NM
INJ-31	11/17/2016	0.50 U	146	0.86 I	49.4	51.3	4.4	NM	NM	NM	NM
INJ-32	11/17/2016	0.50 U	2.7	0.50 U	1.4	1.4	0.50 U	NM	NM	NM	NM
INJ-33	11/18/2016	0.50 U	928	6.6	1,170	1,260	198.0	NM	NM	NM	NM
INJ-34	11/17/2016	0.50 U	1,180	5.5	1,280	1,360	221	NM	NM	NM	NM
	07/26/2017	0.50 U	44.2	0.89 I	81.9	84.9	10.8	1,140	NM	NM	NM
	01/24/2018	0.50 U	32.6	0.85 I	162	167	36.6	NM	NM	NM	NM
INJ-35	11/17/2016	0.53 I	769	3.7	1,170	1,340	263	NM	NM	NM	NM
INJ-36	11/18/2016	15.5	4,770	3.6	547	567	93.1	NM	NM	NM	NM
	06/20/2017	0.50 U	147	2.8	1,010	1,020	198	NM	NM	NM	NM
	01/24/2018	0.50 U	5.7	0.50 U	13.4	26.9	285	NM	NM	NM	NM
	09/27/2019	0.38 U	0.36 U	0.27 U	1.0	2.0	0.77 I				
INJ-37	11/18/2016	8.2	897	4.7	105	115	18.4	NM	NM	NM	NM
	09/18/2018	0.50 U	2.9	0.50 U	32.1	34.9	1.3	NM	NM	NM	NM
	09/30/2019	0.38 U	0.36 U	0.27 U	1.2	1.4	0.39 U	NM	NM	NM	NM
INJ-38	06/20/2017	3.2	3,440	2.8	390	406	22.5	NM	NM	NM	NM
	09/19/2018	0.50 U	0.60 I	0.50 U	3.1	8.1	13.0	NM	NM	NM	NM
	03/27/2019	0.38 U	0.57 I	0.27 U	1.8	3.9	2.9	NM	NM	NM	NM
	09/30/2019	0.38 U	0.36 U	0.27 U	1.9	3.0	0.81 I	NM	NM	NM	NM

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

**Former Wyeth, Carolina Facility, Puerto Rico**

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
INJ-39	06/21/2017	1.2	1,180	18.3	1,140	1,160	191	NM	505	7.2 I	2.1 I
	09/18/2018	0.50 U	0.50 U	0.50 U	1.7	18.8	5.4	NM	NM	NM	NM
	09/27/2019	0.38 U	0.36 U	0.27 U	1.5	2.5	2.8	NM	NM	NM	NM

Notes:

All analytical results reported in micrograms per liter ( $\mu\text{g/L}$ ); except TOC which is in milligrams per liter (mg/L).

RBCC - Risk-Based Closure Criteria (Risk Level in parentheses) for groundwater, approved by the EPA in April 2019

MCL - Federal Maximum Contaminant Level from <http://water.epa.gov/drink/contaminants/index.cfm#List> as of October 11, 2010.

U - Indicates the compound was analyzed for but not detected at a concentration greater than the shown MDL.

I - The reported value is between the laboratory MDL and the laboratory practical quantitation limit (PQL).

MDL - Method Detection Limit

NM - Not Measured

**Bold** denotes a detection above laboratory method detection limit

Thick solid line indicates injection event took place in the area of the specified well between sampling events

<sup>1</sup>Duplicate sample

Shaded - Concentration is greater than applicable RBCC risk level

\*Total 1,2-Dichloroethene is for the *cis* and *trans* isomers.

The Federal MCL of 70 micrograms per liter is for the *cis* isomer as it is the more stringent value.

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO <sub>2</sub> + NO <sub>3</sub>	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO <sub>3</sub> )	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
<b>MCL</b>		<b>300*</b>	-	<b>50*</b>	-	<b>10</b>	<b>1</b>	-	<b>250*</b>	<b>250*</b>	-	-	-	-	-	-	-	-	-	-
<b>Units</b>		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
MW-01S	02/02/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.94	28.98	951	0.61	< 10	88.1
	10/17/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.74	29.24	985	0.45	17.9	61.2
	09/12/2012	<b>46.1</b>	20.0 U	<b>156</b>	2.5 U	NM	NM	<b>0.92</b>	<b>73.8</b>	<b>53.5</b>	2.0 U	12.5 U	<b>1.2</b>	<b>291</b>	7.26 J	30.72	941	0.47	6.30 J	-54.4 J
	09/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	9.98	29.7	656	0.25	1.40	-210.5
MW-02S	02/02/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.65	28.89	1,464	0.77	> 1,000	52.3
	10/18/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.54	27.13	1,328	0.99	18.9	124.6
	09/11/2012	20.0 U	20.0 U	<b>116</b>	<b>116</b>	NM	NM	<b>0.18</b>	<b>165</b>	<b>37.5</b>	2.0 U	<b>27.6</b>	<b>1.7</b>	<b>385</b>	8.97 J	29.93	1,272	0.75	0.74 J	111.9 J
	04/17/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.67	29.27	1,271	0.47	NM	125.0
	12/03/2013	<b>218</b>	<b>119</b>	<b>79.0</b>	<b>78.4</b>	<b>0.86</b>	0.072 U	<b>0.86</b>	<b>166</b>	<b>49.8</b>	NM	NM	<b>1.9</b>	<b>387</b>	6.66	27.63	1,311	0.57	10.2	82.0
	02/03/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>1.8</b>	NM	6.65	27.45	1,300	0.43	1.00	107.5
	03/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>1.9</b>	NM	6.72	27.17	1,325	0.39	10.5	-81.0
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>2.87</b>	NM	6.79	29.64	966	1.64	20.40	65.4
	07/24/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>1.51</b>	NM	6.82	29.62	1,287	0.23	1.45	-35.3
	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.04	28.25	1,231	2.40	1.06	-36.1
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.65	27.64	1,294	0.35	18.4	31.2
	04/18/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	8.8	27.90	1,369	4.38	0.0	-240.0
	07/26/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.65	27.96	1,305	0.18	10.0	122.1
	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.39	28.90	1,179	3.47	1.86	-77.6
	09/21/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.01	28.60	1,356	0.12	6.53	-25.3
	03/26/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.83	31.07	1,224	-	7.90	-8.6
	09/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.48	29.33	1,249	0.25	0.75	-4.4

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO <sub>2</sub> + NO <sub>3</sub>	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO <sub>3</sub> )	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
<b>MCL</b>		<b>300*</b>	-	<b>50*</b>	-	<b>10</b>	<b>1</b>	-	<b>250*</b>	<b>250*</b>	-	-	-	-	-	-	-	-	-	-
<b>Units</b>		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
MW-02D	02/02/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.85	29.04	1,519	0.47	< 10	-18.9
	10/18/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.77	27.24	1,541	0.68	6.36	-55.7
	09/11/2012	<b>320</b>	20.0 U	<b>398</b>	390	NM	NM	0.025 U	<b>196</b>	<b>42.6</b>	<b>2.1</b>	<b>26.6</b>	<b>1.1</b>	<b>420</b>	9.02 J	29.24	1,558	0.20	0.65 J	-65.0 J
	04/17/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.94	28.45	1,483	2.11	NM	-98.8
	12/03/2013	<b>435</b>	<b>304</b>	<b>397</b>	<b>394</b>	0.086 U	0.072 U	0.086 U	<b>194</b>	<b>52.4</b>	NM	NM	<b>1.4</b>	<b>453</b>	6.89	27.19	1,471	0.79	0.46	-125.7
	02/03/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>1.0</b>	NM	6.89	27.67	1,491	0.6	1.37	6.6
	03/16/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>1.1</b>	NM	6.94	27.54	1,525	0.66	0.07	-67.1
	07/26/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.75	27.33	1,351	0.21	10	23.3
	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.59	27.8	1,258	2.88	0.75	-218.0
	01/24/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.9	29.23	-	0.38	0.48	-56.9
	09/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.90	29.60	1,348	0.16	2.73	-44.0
	03/26/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.86	30.23	1,269	2.5	0.89	-58.9
	09/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.43	28.27	1,327	0.18	0.31	-77.0
MW-03S	02/03/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.03	28.75	1,122	0.84	NM	-2.8
	10/18/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.68	29.92	934	0.64	47.6	34.5
	09/12/2012	20.0 U	20.0 U	<b>758</b>	<b>19.7</b>	NM	NM	<b>0.19</b>	<b>102</b>	<b>37.9</b>	2.0 U	<b>17.9 I</b>	<b>1.4</b>	<b>312</b>	6.97	30.41	1,018	0.32	0.49 J	60.9 J
	04/17/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.67	29.52	953	0.55	152.8	91.3
	12/04/2013	<b>246</b>	20.0 U	<b>571</b>	<b>374</b>	<b>0.24</b>	<b>0.0066 I</b>	<b>0.24 I</b>	<b>92.3</b>	<b>40.7</b>	NM	NM	<b>1.5</b>	<b>260</b>	6.62	28.88	658	0.28	NM	69.3
	09/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.58	30.67	838	0.18	6.20	156.7
MW-03D	02/03/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.97	28.73	1,538	0.45	NM	-37.0
	10/18/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.82	28.75	1,304	0.60	7.71	-40.0
	09/12/2012	<b>640</b>	<b>26.2 I</b>	<b>358</b>	<b>2.5 I</b>	NM	NM	0.025 U	<b>148</b>	<b>41.6</b>	2.0 U	<b>21.0</b>	<b>1.2</b>	<b>404</b>	7.29 J	28.89	1,300	0.37	2.92 J	-72.9 J
	04/17/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.93	28.35	1,211	1.35	2.21	-26.0
	12/04/2013	<b>554</b>	<b>94.8</b>	<b>358</b>	<b>72.8</b>	0.029 U	0.0054 U	0.025 U	<b>149</b>	<b>46.5</b>	NM	NM	<b>1.2</b>	<b>384</b>	6.96	28.30	942	0.72	NM	-157.0
MW-04S	02/02/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.54	28.91	846	0.63	> 1,000	1.5
	10/17/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.37	29.77	707	0.91	16.8	122.6
	09/12/2012	<b>191</b>	20.0 U	<b>191</b>	<b>4.0 I</b>	NM	NM	<b>0.61</b>	<b>73.6</b>	<b>28.9</b>	2.0 U	12.5 U	0.50 U	<b>205</b>	6.78	3.02 J	715	0.44	3.02 J	95.3 J

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO <sub>2</sub> + NO <sub>3</sub>	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO <sub>3</sub> )	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
<b>MCL</b>		<b>300*</b>	-	<b>50*</b>	-	<b>10</b>	<b>1</b>	-	<b>250*</b>	<b>250*</b>	-	-	-	-	-	-	-	-	-	
<b>Units</b>		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
MW-05S	02/02/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.45	28.53	887	0.56	NM	44.6	
	10/17/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.26	29.68	661	0.83	15.1	134.5	
	09/12/2012	<b>2,600</b>	20.0 U	<b>134</b>	<b>3.6 I</b>	NM	NM	<b>0.36</b>	<b>62.9</b>	<b>21.1</b>	2.0 U	<b>22.4</b>	<b>0.72 I</b>	<b>203</b>	6.86	30.15	656	0.38	1.23 J	-6.0 J
	12/05/2013	<b>720</b>	<b>876</b>	<b>97.7</b>	<b>106</b>	<b>0.42</b>	<b>0.011 I</b>	<b>0.42 I</b>	<b>61.9</b>	<b>24.7</b>	NM	NM	<b>1.1</b>	<b>233</b>	6.49	28.86	490	0.92	17.12	68.1
MW-06S	02/02/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.44	28.52	1,053	0.92	< 10	60.1	
	10/18/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.41	29.17	892	0.57	5.89	62.7	
	09/11/2012	<b>119</b>	20.0 U	<b>366</b>	<b>284</b>	NM	NM	<b>0.036 I</b>	<b>93.8</b>	<b>27.3</b>	<b>2.2</b>	<b>18.1 I</b>	<b>0.91 I</b>	<b>279</b>	8.59 J	29.85	890	0.32	3.95 J	201.8 J
	12/05/2013	<b>112</b>	20.0 U	<b>326</b>	<b>22.7</b>	<b>0.032 I</b>	<b>0.092 I</b>	<b>0.032 I</b>	<b>95.5</b>	<b>31.5</b>	NM	NM	<b>0.76 I</b>	<b>277</b>	6.50	28.97	657	0.26	3.72	48.6
MW-07S	10/17/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.49	28.65	1,100	1.65	0.61	199.6	
	09/11/2012	20.0 U	20.0 U	<b>16.0</b>	<b>15.1</b>	NM	NM	<b>0.12</b>	<b>153</b>	<b>33.4</b>	<b>2.5</b>	<b>19.8 I</b>	<b>1.8</b>	<b>327</b>	8.87 J	28.22	1,164	0.40	0.39 J	191.9 J
	04/17/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.69	27.83	1,109	0.48	5.09	-195.6	
	12/03/2013	20.0 U	20.0 U	<b>19.0</b>	<b>18.7</b>	<b>0.91</b>	0.072 U	<b>0.91</b>	<b>132</b>	<b>52.4</b>	NM	NM	<b>2.3</b>	<b>326</b>	6.68	27.46	1,137	0.49	1.11	87.3
	02/03/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>2.1</b>	NM	6.64	27.63	1,112	0.46	0.98	138.5
	03/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>2.0</b>	NM	6.76	27.28	1,206	0.24	0.03	-97.7
	07/10/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>6.68</b>	NM	6.68	27.93	1,188	0.03	NM	200.0
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>57.6</b>	NM	6.88	27.91	5.28	0.52	4.29	26.6
	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>7.52</b>	NM	7.52	27.98	1,297	0.14	18.90	-78.6
	07/21/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>10.5</b>	NM	7.52	28.21	1,184	0.11	5.94	-132
	07/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>3.61</b>	NM	7.66	28.20	1,169	1.62	4.76	-83.1
	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>7.60</b>	NM	7.60	28.40	1,113	2.17	6.46	-91.2
	08/04/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>7.23</b>	NM	7.23	27.08	1,215	0.37	9.05	-148.4
	08/11/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>7.07</b>	NM	7.07	28.58	1,269	0.21	2.63	-52.1
	04/18/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>7.09</b>	NM	7.09	27.60	1,126	2.80	0.93	-154.3
	07/26/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>2.8</b>	<b>367</b>	7.26	27.65	1.2	0.22	10.00	-126.8
	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>7.21</b>	NM	7.21	27.80	1,177	2.45	0.71	-143.6
	01/23/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>6.93</b>	NM	6.93	27.86	-	0.14	1.71	-92.1
	09/24/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>7.07</b>	NM	7.07	28.62	1,293	0.24	0.27	-104.1
	03/25/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>6.81</b>	NM	6.81	28.41	1,147	0.16	0.56	-94.1
	09/25/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>9.38</b>	NM	9.38	28.79	1,161	0.49	0.58	-253.3

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO <sub>2</sub> + NO <sub>3</sub>	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO <sub>3</sub> )	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
MCL		300*	-	50*	-	10	1	-	250*	250*	-	-	-	-	-	-	-	-	-	-
Units		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
MW-07D	10/17/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.89	28.39	1,373	0.73	1.03	-51.3
	09/11/2012	725	20.0 U	250	228	NM	NM	0.025 U	172	53.7	2.0 U	23.2	1.4	376	9.09 J	27.86	1,443	0.29	0.97 J	-118.1 J
	04/17/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.90	27.46	1,333	0.46	7.88	-179.1
	12/03/2013	2,220	491	258	245	0.086 U	0.072 U	0.086 U	156	54.4	NM	NM	1.4	309	7.12	27.13	1,088	0.25	31.7	-188.2
	02/03/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1.5	NM	7.04	27.61	1,282	0.36	109	-133.5
	03/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1.2	NM	7.18	26.51	1,218	0.41	6.97	-144.6
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	3.28	NM	6.88	27.90	5.28	0.52	4.29	26.6
	07/21/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	3.83	NM	6.83	27.72	5.31	0.20	4.51	-78.6
	07/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	3.39	NM	7.36	28.40	643	0.46	11.30	-106.5
	08/04/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.24	27.88	1,006	0.32	5.44	-1,056
	08/11/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.05	29.89	1,323	0.17	1.72	-78.6
	01/23/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.13	27.23	-	0.20	2.37	-60.1
	09/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.38	27.83	422	0.30	2.61	49.3
	09/25/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	8.17	29.33	362	0.24	0.93	-260.4
MW-08S	10/17/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.40	30.39	818	1.26	36.7	118.3
	09/12/2012	304	37.2 I	171	3.5 I	NM	NM	0.89	97.2	37.1	2.0 U	18.5 I	1.2	210	6.63	28.97	838	0.83	7.40 J	178.5 J
	12/05/2013	6,170	65.1	171	45.8	0.23	0.062	0.30 I	25.6	14.9	NM	NM	1.2	127	7.18	27.64	233	6.27	122	61.4
MW-09S	10/17/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.29	30.59	741	0.88	86.9	131.1
	09/11/2012	20.0 U	20.0 U	1,280	1,170	NM	NM	0.24	64.7	36.5	2.0 U	12.7 I	1.0 I	230	8.39 J	30.20	737	0.25	0.28 J	239.8 J
	12/04/2013	394	20.0 U	1,390	1,370	0.31	0.0091 I	0.31 I	63.9	39	NM	NM	0.94 I	219	6.37	29.06	539	0.37	6.02	0.5
	09/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.19	29.98	650	0.31	2.72	226.9
MW-10S	12/03/2013	357	132	389	389	0.66	0.036 U	0.66	84.3	43.1	NM	NM	1.8	197	6.43	29.34	771	0.33	NM	56.1
	09/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.16	30.58	790	0.09	5.79	136.3
MW-11S	12/03/2013	1,970	395	708	705	2.6	0.036 U	2.7	85.9	49.9	NM	NM	2.3	226	6.52	28.31	847	0.24	18.9	75.8
	09/21/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.62	29.51	819	0.24	5.52	123.1
	09/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.46	29.95	779	0.40	19.0	-108.7
MW-12S	12/02/2013	239	20.0 U	1,170	1,260	1.3	0.072 U	1.3	143	50.2	NM	NM	1.2	305	6.68	28.73	1,103	0.28	6.81	33.7
	09/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.47	28.43	1,107	0.43	3.86	133.4

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO <sub>2</sub> + NO <sub>3</sub>	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO <sub>3</sub> )	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
<b>MCL</b>		<b>300*</b>	-	<b>50*</b>	-	<b>10</b>	<b>1</b>	-	<b>250*</b>	<b>250*</b>	-	-	-	-	-	-	-	-	-	-
<b>Units</b>		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
MW-13S	12/02/2013	421	20.0 U	253	259	1.4	0.082	1.5	58.7	106	NM	NM	2.5	178	6.87	26.82	873	0.40	16.8	36.4
	03/16/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	4.9	NM	7.23	28.36	956	0.26	21.2	1.66
	04/19/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.79	27.1	1,623	1.01	20.2	-265.1
	07/25/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.33	29	1,600	0.17	25	-67.4
	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	13.36	28.6	13.24	3.91	1.18	-422
	01/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.01	29.31	-	0.73	3.57	-60.1
	09/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.51	29.89	1,213	0.27	27.2	-108.0
	09/26/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	8.06	29.80	873	0.28	4.53	-183.3
MW-14S	12/04/2013	2,380	35.1 I	1,180	1,080	0.58	0.046 I	0.63	23.3	42.6	NM	NM	1.8	185	6.37	29.56	419	1.03	NM	40.6
MW-15S	12/02/2013	4,660	20.0 U	2,240	1,940	0.086 U	0.072 U	0.086 U	74.2	82.7	NM	NM	3.3	517	7.08	27.23	1,426	1.02	10.5	10.1
	09/21/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.12	29.09	1,482	3.62	0.50	134.9
MW-16S	02/03/2015	NM	NM	NM	NM	0.10	0.025 U	0.10	115	41.3	NM	NM	2.5	NM	6.64	26.43	1,344	0.53	1.04	98.0
	03/16/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	2.6	NM	6.99	26.65	1,373	0.28	18.7	-125.3
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	2.78	NM	6.93	27.12	1,383	0.33	1.76	38.7
	07/24/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	2.17	NM	6.90	27.29	1,378	0.38	4.55	-34.1
	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.40	27.69	1,449	2.50	1.34	-87.1
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.89	27.26	1,393	0.29	6.98	-29.8
	04/19/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.83	27.70	1,592	0.81	0.13	-563.1
	07/26/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	3.9	558	6.75	29.33	1,471	0.42	10.00	-72.1
	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	14.95	27.6	1,360	1.19	6.94	1.19
	07/26/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	3.7	567	7.62	28.1	1,354	0.76	8.16	-367
	09/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.75	28.55	1,375	0.19	13.9	-114.6
	03/26/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.73	28.72	1,309	1.40	6.35	44.7
	09/24/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.14	28.77	1,354	0.35	1.60	-43.1

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO <sub>2</sub> + NO <sub>3</sub>	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO <sub>3</sub> )	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
<b>MCL</b>		<b>300*</b>	-	<b>50*</b>	-	<b>10</b>	<b>1</b>	-	<b>250*</b>	<b>250*</b>	-	-	-	-	-	-	-	-	-	-
<b>Units</b>		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
MW-17S	02/04/2015	NM	NM	NM	NM	0.025 U	0.025 U	0.025 U	64.9	32.2	NM	NM	4.2	NM	6.68	27.48	1,504	0.38	9.29	81.9
	03/16/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.7	NM	6.78	27.59	2,110	0.56	2.62	-179.1
	07/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.68	29.61	1,866	0.30	0.78	-100.3
	07/08/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,629	NM	NM	NM	NM	NM	NM	NM
	07/13/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,652	NM	6.40	30.57	4,872.0	0.12	7.7	-85.5
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,479	NM	6.49	35.14	4,564	0.96	NM	-67.1
	07/24/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,522	NM	6.16	32.87	3,840	0.38	37.3	-119.8
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.52	29.47	4,004	0.20	10.4	-110.7
	07/27/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	28.4	1,330	6.60	30.70	2,895	0.19	10.0	-112.5
	06/20/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	11.70	27.9	2,417	4.40	6.1	321.0
	09/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.09	30.83	2,727	0.33	34.8	-119.2
	03/28/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.67	29.98	2,399	0.13	33.2	-120.2
	09/25/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	9.01	29.70	2,691	0.74	13.1	-169.1
MW-18S	02/04/2015	NM	NM	NM	NM	0.025 U	0.025 U	0.025 U	NM	NM	NM	NM	3.2	643	6.78	28.08	1,494	0.80	0.0	31.3
	03/16/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	4.3	NM	7.30	27.79	1.83	0.59	10.7	160
	07/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.75	NM	6.75	29.03	1,607	0.39	11.4	-73.3
	07/08/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,290	NM	NM	NM	NM	NM	NM	NM
	07/13/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,269	NM	6.51	29.26	2,195	0.87	6.3	-209
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	892	NM	6.69	30.76	4,203	0.56	15.7	-80.4
	07/24/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	649	NM	6.66	30.53	3,872	1.20	9.00	-114.3
	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	8.16	28.74	856	1.40	7.92	-103.0
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.69	29.75	3,645	0.07	5.99	-90.7
	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	13.40	28.4	1,930	5.92	9.40	-407.0
	01/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.65	25.5	-	0.49	3.56	-101.1
	09/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.63	30.75	1,810	0.35	18.6	-111.0
	03/28/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.61	29.52	2,084	0.08	4.26	-115.3
	09/26/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.79	28.41	2,063	0.43	3.21	-143.1
MW-19S	07/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	3.43	NM	6.98	30.06	1,422	1.61	3.6	459.6
	07/10/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	286	NM	NM	NM	NM	NM	NM	NM
	07/13/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	225	NM	7.02	29.40	1,920	0.42	11.1	-87.8
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	149	NM	6.99	30.75	1,737	0.30	4.54	-87.6
	07/24/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	91.9	NM	7.04	30.09	1,556	0.87	3.49	-113.9
	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.07	28.81	1,458	1.49	4.84	-106.5
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.77	28.25	1,477	0.08	5.75	-99.6
	04/19/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.65	27.80	1,667	1.90	1.20	-345.2

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO <sub>2</sub> + NO <sub>3</sub>	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO <sub>3</sub> )	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
<b>MCL</b>		<b>300*</b>	-	<b>50*</b>	-	<b>10</b>	<b>1</b>	-	<b>250*</b>	<b>250*</b>	-	-	-	-	-	-	-	-	-	
<b>Units</b>		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
MW-20S	07/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>1.64</b>	NM	6.93	29.59	1,327	0.35	1.81	194.0
	07/10/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>216</b>	NM	NM	NM	NM	NM	NM	NM
	07/13/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>35.7</b>	NM	6.97	28.23	1,290	0.27	10.6	-7.2
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>6.36</b>	NM	6.92	31.73	1,257	0.30	29.9	-129.4
	07/24/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>8.55</b>	NM	7.05	30.35	1,252	0.62	4.23	-134.1
	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.18	27.71	1,151	0.82	13.1	-96.8
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.90	28.09	1,384	0.10	5.49	-107
	04/19/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.58	27.80	1,526	1.97	15.40	-399.8
	07/27/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.80	30.26	1,523	0.34	10.00	-49.2
	09/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.80	27.80	1,278	0.28	2.59	-105.0
	03/28/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.69	29.54	1,626	0.39	0.90	-61.1
MW-21S	09/26/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.87	29.49	1,270	0.40	2.90	-114.1
	07/10/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>2.16</b>	NM	6.60	27.59	1,199	4.20	1.51	327.6
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>131</b>	NM	6.96	29.35	1,736	0.45	33.6	-9.1
	07/21/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>6.47</b>	NM	6.92	27.94	1,425	0.12	9.43	-118.2
	07/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>3.10</b>	NM	6.97	27.92	1,334	0.57	3.83	-110.2
	08/04/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.99	28.33	1,308	0.74	9.80	-67.0
	08/11/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.73	28.40	1,300	0.31	2.85	-28.1
	04/18/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.08	27.50	1,267	3.15	0.77	-181.7
	07/26/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.91	27.62	1,255	0.25	10.00	-18.1
	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.28	27.8	1,079	2.01	0.07	-129.6
	01/23/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.98	28.1		0.39	11.12	-45.1
MW-22S	09/24/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.23	28.71	1,185	0.14	5.05	-106.6
MW-23S	07/27/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>370</b>	6.64	29.36	1,338	0.40	10.00	281.6	
	09/24/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.60	28.48	1,120	0.43	2.0	41.1
MW-24S	04/20/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.88	27.8	1,183	1.20	8.30	-3337.2
	07/27/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.65	29.23	1,130	1.27	10.00	199.1

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO <sub>2</sub> + NO <sub>3</sub>	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO <sub>3</sub> )	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
MCL		300*	-	50*	-	10	1	-	250*	250*	-	-	-	-	-	-	-	-	-	-
Units		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
MW-26	06/21/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	10.40	28.4	1,158	4.22	3.90	270.1
	07/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	2.0	345	6.96	28.8	1,081	0.33	1.26	-361.1
	09/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.65	30.51	2,179	0.18	36.4	-133.1
	09/27/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.50	30.29	2,274	0.26	8.51	-149.2
MW-28S	09/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.60	28.91	1,080	0.44	2.20	242.1
	10/02/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.13	30.34	1,046	0.98	8.29	-4.3
MW-29S	06/20/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	10.25	29.6	1,269	2.71	1.92	271.9
MW-31S	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.32	27.4	1,036	2.81	1.63	18.3
	07/26/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	4.1	436	6.14	27.3	1,044	0.62	0.18	-298
	01/23/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.93	26.61	-	0.39	1.04	23.2
	09/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.16	28.25	1,326	0.18	0.85	-39.8
INJ-1	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	488	NM	6.81	28.64	2,348	0.16	27.9	-127.1
	07/21/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	452	NM	6.20	28.0	5,221	0.19	19.2	-129.7
	07/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	92.6	NM	7.40	28.13	1,250	0.70	10.5	-94.9
	08/04/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.09	27.89	1,131	0.21	7.55	-90.5
	08/11/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.89	29.20	1,353	0.15	14.40	-91.6
INJ-2	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	775	NM	6.62	28.49	2,664	0.29	215	-77.9
	07/21/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	703	NM	6.39	28.47	2,666	0.25	54.7	-122.7
	07/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	556	NM	6.74	28.13	2,089	0.26	20.1	-95.9
	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.06	28.75	1,864	2.35	21.0	-769
	08/04/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.84	28.45	1,720	0.30	59.2	-79.6
	08/11/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.53	28.42	2,677	0.15	99.0	-110
INJ-3	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5,145	NM	6.15	33.24	4,856	0.22	9.14	-70.3
	07/21/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	739	NM	6.44	28.43	3,026	0.11	31.6	-131.8
	07/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	231	NM	6.99	28.68	1,827	1.01	13.6	-85.0
	08/04/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.95	28.09	1,588	0.30	7.0	-61.3
	08/11/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.96	29.03	1,523	0.15	10.0	-108.0
	07/28/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	8.2	NM	6.85	27.83	1,320	1.35	10.0	-48.7
	01/23/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.59	28.00	1,470	0.11	10.1	-83.9
	09/25/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	8.28	28.75	1,441	0.92	26.1	-127.3

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO <sub>2</sub> + NO <sub>3</sub>	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO <sub>3</sub> )	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
<b>MCL</b>		<b>300*</b>	-	<b>50*</b>	-	<b>10</b>	<b>1</b>	-	<b>250*</b>	<b>250*</b>	-	-	-	-	-	-	-	-	-	
<b>Units</b>		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
INJ-4	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>2.90</b>	NM	NM	NM	NM	NM	NM	
	07/21/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>1.64</b>	NM	6.75	29.25	1,405	0.42	4.47	-115.1
	07/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>1.37</b>	NM	6.79	27.69	1,383	0.46	4.75	-61.7
	08/04/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.84	27.95	1,374	1.10	0.82	-79.0
	08/11/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.73	28.88	1,396	0.16	0.28	-47.0
	04/19/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.52	26.80	832	3.93	37.8	-425.3
	07/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>13.4</b>	<b>556</b>	6.65	27.20	1,350	0.61	3.66	-352.3
INJ-6	04/19/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.81	23.3	2,049	2.69	15.8	-432.2
	07/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.48	28.3	1,374	0.96	0.53	-322.3
	03/27/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.75	28.33	1,376	0.16	0.67	-78.9
	10/01/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.61	30.17	1,399	0.50	1.02	-139.3
INJ-7	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>116</b>	NM	6.29	31.9	3,787	0.12	>1000	-76.4
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.77	29.53	2,650	0.09	9.78	-151.7
INJ-8	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>6,110</b>	NM	6.19	32.91	1,525	1.47	>1000	-64.4
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.67	30.16	3,117	0.13	41.1	-142.5
INJ-9	07/13/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>1,041</b>	NM	6.71	29.89	5,892	0.52	45.1	-127.1
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>470</b>	NM	5.56	30.26	1,453	0.46	>1000	41.7
	07/24/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>297</b>	NM	6.56	29.96	2,232	0.29	20.2	-119.3
	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.00	29.52	2,048	0.48	4.69	-152
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.75	29.49	3,125	0.13	14.8	-151.5
	04/19/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.95	28.10	1,819	1.47	17.9	-361.8
INJ-10	07/13/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>1,654</b>	NM	6.51	37.08	4,060	1.47	182	-92.9
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>591</b>	NM	6.09	30.80	1,667	0.48	>1000	-69.5
	07/24/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>1,231</b>	NM	6.49	33.20	4,448	0.15	56.6	-126.6
	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.51	31.60	3,512	2.70	43.4	-146.3
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.63	29.54	4,540	0.15	8.55	-155.1
	04/19/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.81	28.30	2,338	2.75	40.90	-350.2
INJ-11	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>1,254</b>	NM	6.32	31.04	3,934	0.55	>1000	-112.8
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.91	30.29	2,077	0.23	74.0	-199.3

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO <sub>2</sub> + NO <sub>3</sub>	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO <sub>3</sub> )	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
MCL		300*	-	50*	-	10	1	-	250*	250*	-	-	-	-	-	-	-	-	-	
Units		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
INJ-12	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,300	NM	6.11	31.2	1,995	0.52	>1000	-111.4
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.61	27.98	4,103	0.28	10.0	-109.7	
INJ-13	07/25/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.35	29.07	2,320	0.1	200	-100.4	
INJ-14	07/25/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.55	30.54	2,956	0.14	9	311.4	
INJ-15	07/10/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.57	27.93	1,220	0.41	4.13	416.9	
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,403	NM	6.58	29.87	4,433	0.57	40.2	-69.6
	07/21/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	734	NM	6.34	28.95	2,688	0.44	34.0	-127.3
	07/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	223	NM	6.46	23.52	1,661	2.35	8.55	-132
	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.06	28.72	1,541	2.94	19.2	-170.4	
	08/04/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.79	28.64	1,372	0.42	5.12	-120.5	
	08/11/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.88	29.08	1,368	0.21	3.74	-101.0	
INJ-16	04/18/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	10.6	NM	7.2	27.8	1,087	3.18	3.97	-1750
	07/25/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.85	28.15	1,043	1.17	10	-53	
	07/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	3.7	389	7.68	29.2	1,064	2.30	0.28	-380.6
INJ-18	04/19/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.28	28.38	1,128	1.12	12.2	-465	
	07/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.9	410	7.17	29.7	1,071	0.66	1.08	-414.3
INJ-22	07/25/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.80	26.79	1,481	0.29	10	-98	
	07/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	2.6	439	6.82	27	1,263	1.10	0.29	-357.1
INJ-23	01/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.80	26.57		0.44	0.79	-96.9	
	03/27/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.55	30.23	1,930	0.04	23.4	-131.4	
	10/01/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.45	30.01	1,926	0.23	14.5	-140.9	
INJ-24	04/20/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	8.49	28.2	1,660	1.37	7.2	-390.7	
	07/27/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	26.6	NM	6.33	29.31	1,697	0.44	10	-55.9
	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	13.16	27.4	11.57	2.13	1.20	-323.4	
	01/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.66	26.77	-	0.42	1.91	-62.3	
	09/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.38	32.27	2,066	0.26	29.4	-32.0	
	03/27/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.45	29.62	1,831	0.06	19.0	-107.9	
	10/01/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.69	28.26	2,021	0.42	18.7	-174.0	

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO <sub>2</sub> + NO <sub>3</sub>	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO <sub>3</sub> )	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
<b>MCL</b>		<b>300*</b>	-	<b>50*</b>	-	<b>10</b>	<b>1</b>	-	<b>250*</b>	<b>250*</b>	-	-	-	-	-	-	-	-	-	-
<b>Units</b>		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
INJ-25	07/25/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.61	29.48	1,025	0.27	8	-60.5
	07/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>5.1</b>	<b>693</b>	6.78	27.9	1,497	0.63	1.27	-328.1
	09/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.77	30.00	2,329	0.19	35.0	-139.0
INJ-27	07/26/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.69	29.99	1,449	0.8	10	290.4
INJ-28	07/26/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.75	28.85	1,446	2.56	10	251.6
INJ-29	07/26/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.29	27.68	1,064	1.79	10	208.7
	01/24/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.74	28.25	1,365	0.39	2.81	-75.4
	10/02/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.75	29.29	919	0.49	2.81	-125.7
INJ-30	07/27/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.41	28.78	1,331	4.2	10	277.6
	01/24/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.87	28.19	1,538	0.37	0.9	-103.8
	09/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.51	29.55	1,924	0.13	20.9	-164.9
	09/30/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM		NM	5.56	29.88	1,469	0.50	1.52	-137.2
INJ-34	07/26/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	<b>1,140</b>	<b>555</b>	6.88	29.4	1,507	0.90	8.11	-121.5
	01/24/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.58	29.19		0.68	9.53	31.5
INJ-36	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	11.41	28.8	1,701	5.71	14.3	-326.1
	01/24/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.76	28.66	2,638	0.30	9.99	-135.8
	09/27/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.23	29.92	2,178	0.29	34.6	-129.3
INJ-37	09/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.66	29.88	2,619	0.17	36.8	-33.1
	09/30/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM		NM	5.70	29.48	1,816	0.37	46.8	-154.4
INJ-38	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	12.87	27.7	1,115	1.80	3.20	305.1
	09/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.36	30.64	1,395	0.23	57.8	-82.5
	03/27/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM		NM	6.40	29.69	1,676	0.08	12.8	-80.1
	09/30/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.36	29.69	1,767	0.37	15.3	-126.0

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO <sub>2</sub> + NO <sub>3</sub>	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO <sub>3</sub> )	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
MCL		<b>300*</b>	-	<b>50*</b>	-	<b>10</b>	<b>1</b>	-	<b>250*</b>	<b>250*</b>	-	-	-	-	-	-	-	-	-	-
Units		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
INJ-39	06/21/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	12.71	27.8	1,113	1.79	2.90	307.9
	09/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.68	29.70	2,621	0.25	12.39	-146.0
	09/27/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.78	29.53	2,457	0.27	12.50	-137.1

Notes:

mV - millivolts  
 \* - secondary MCL (SMCL)  
 µg/L - micrograms per liter  
 mg/L - milligrams per liter  
 S.U. - standard units  
 °C - degrees Celsius  
 µS/cm - microsiemens per centimeter  
 NTUs - nephelometric turbidity units

U - Indicates the compound was analyzed for but not detected at a concentration greater than the shown MDL.  
 I - The reported value is between the laboratory MDL and the laboratory practical quantitation limit (PQL).  
 J - Calibration result was outside the acceptable criteria for standard range  
 Thick solid line indicates injection event took place in the area of the specified well between sampling events

MDL - Method Detection Limit  
 NM - Not Measured  
**Bold** denotes a detection above laboratory method detection limit.  
 Shaded - Concentration is greater than MCL  
 MCL - Federal Maximum Contaminant Level from <http://water.epa.gov/drink/contaminants/index.cfm#List> as of October 11, 2010.

**TABLE 5**  
**PERFORMANCE MONITORING PLAN**

**Former Wyeth, Carolina Facility, Puerto Rico**

Sample ID	Screened Interval	Select CVOCs	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
EPA Method	(feet)	8260	Field	Field	Field	Field	Field	Field
<b>Semi-Annual Groundwater Monitoring (March 2019 and March 2020)</b>								
MW-02S	29.9 - 39.9	X	X	X	X	X	X	X
MW-02D	77.2 - 87.2	X	X	X	X	X	X	X
MW-07S	28 - 38	X	X	X	X	X	X	X
MW-16S	38 - 48	X	X	X	X	X	X	X
MW-17S	40 - 50	X	X	X	X	X	X	X
MW-18S	50 - 60	X	X	X	X	X	X	X
MW-20S	40 - 50	X	X	X	X	X	X	X
MW-21S	37 - 47	X	X	X	X	X	X	X
INJ-6	40 - 50	X	X	X	X	X	X	X
INJ-23	42.5 - 49.5	X	X	X	X	X	X	X
INJ-24	41 - 51	X	X	X	X	X	X	X
INJ-38	37.1 - 47.1	X	X	X	X	X	X	X

**TABLE 5**  
**PERFORMANCE MONITORING PLAN**

**Former Wyeth, Carolina Facility, Puerto Rico**

Sample ID	Screened Interval	Select CVOCs	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
EPA Method	(feet)	8260	Field	Field	Field	Field	Field	Field
<b>Annual Groundwater Monitoring (September 2019 and September 2020)</b>								
MW-02S	29.9 - 39.9	X	X	X	X	X	X	X
MW-02D	77.2 - 87.2	X	X	X	X	X	X	X
MW-07S	28 - 38	X	X	X	X	X	X	X
MW-07D	88 - 98	X	X	X	X	X	X	X
MW-11S	30 - 40	X	X	X	X	X	X	X
MW-13S	30 - 40	X	X	X	X	X	X	X
MW-16S	38 - 48	X	X	X	X	X	X	X
MW-17S	40 - 50	X	X	X	X	X	X	X
MW-18S	50 - 60	X	X	X	X	X	X	X
MW-20S	40 - 50	X	X	X	X	X	X	X
MW-21S	37 - 47	X	X	X	X	X	X	X
MW-23S	33 - 43	X	X	X	X	X	X	X
MW-26S	37.4 - 47.4	X	X	X	X	X	X	X
MW-28S	50 - 60	X	X	X	X	X	X	X
INJ-3	19 - 40	X	X	X	X	X	X	X
INJ-6	40 - 50	X	X	X	X	X	X	X
INJ-23	42.5 - 49.5	X	X	X	X	X	X	X
INJ-24	41 - 51	X	X	X	X	X	X	X
INJ-29	26.5 - 36.5	X	X	X	X	X	X	X
INJ-30	32.5 - 42.5	X	X	X	X	X	X	X
INJ-36	30.8 - 40.8	X	X	X	X	X	X	X
INJ-37	32.9 - 42.9	X	X	X	X	X	X	X
INJ-38	37.1 - 47.1	X	X	X	X	X	X	X
INJ-39	36.3 - 46.3	X	X	X	X	X	X	X

Notes:

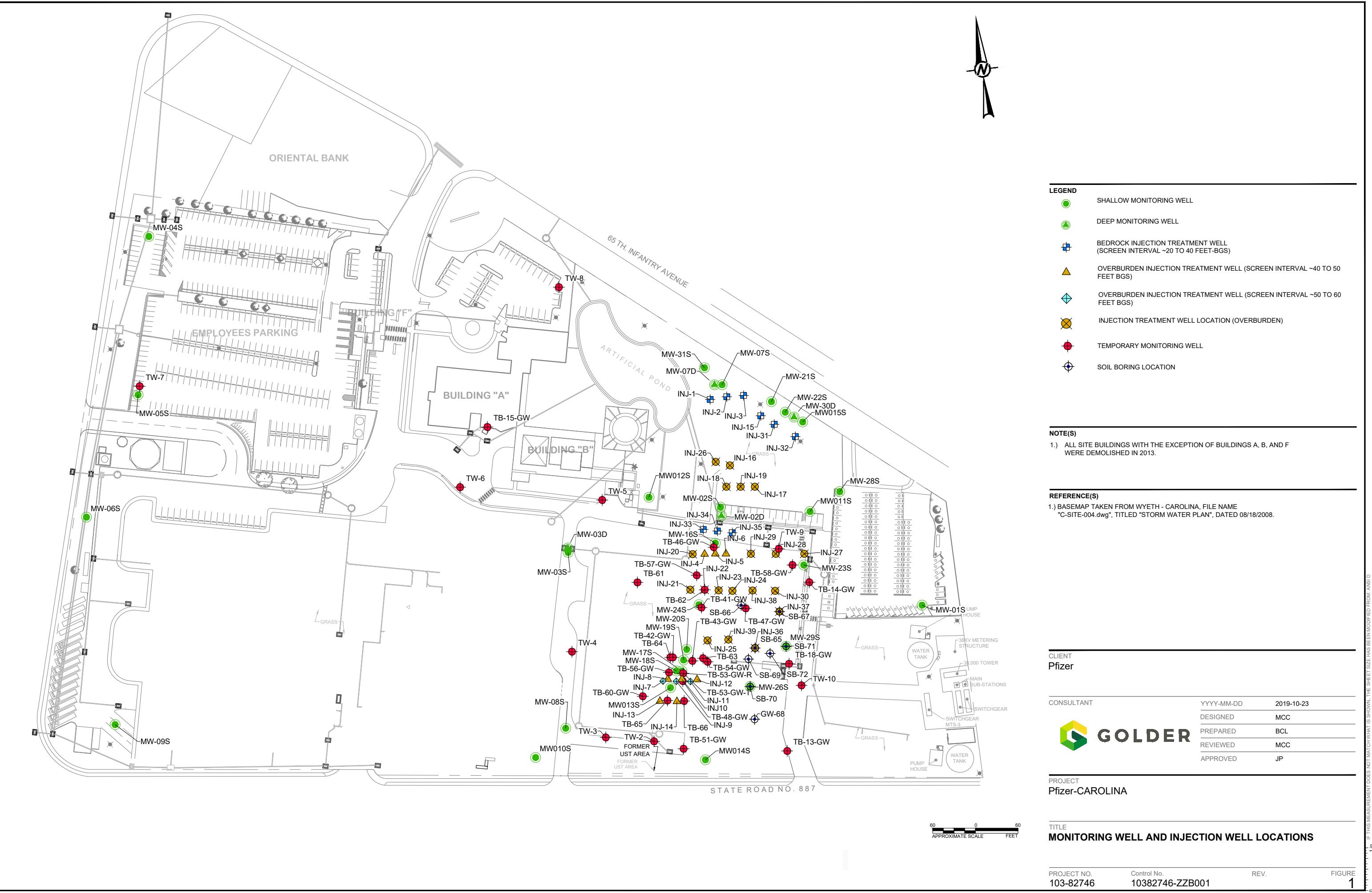
Performance monitoring results will be reviewed during the monitoring period and the plan may be adjusted based on results to include additional sampling and additional constituents.

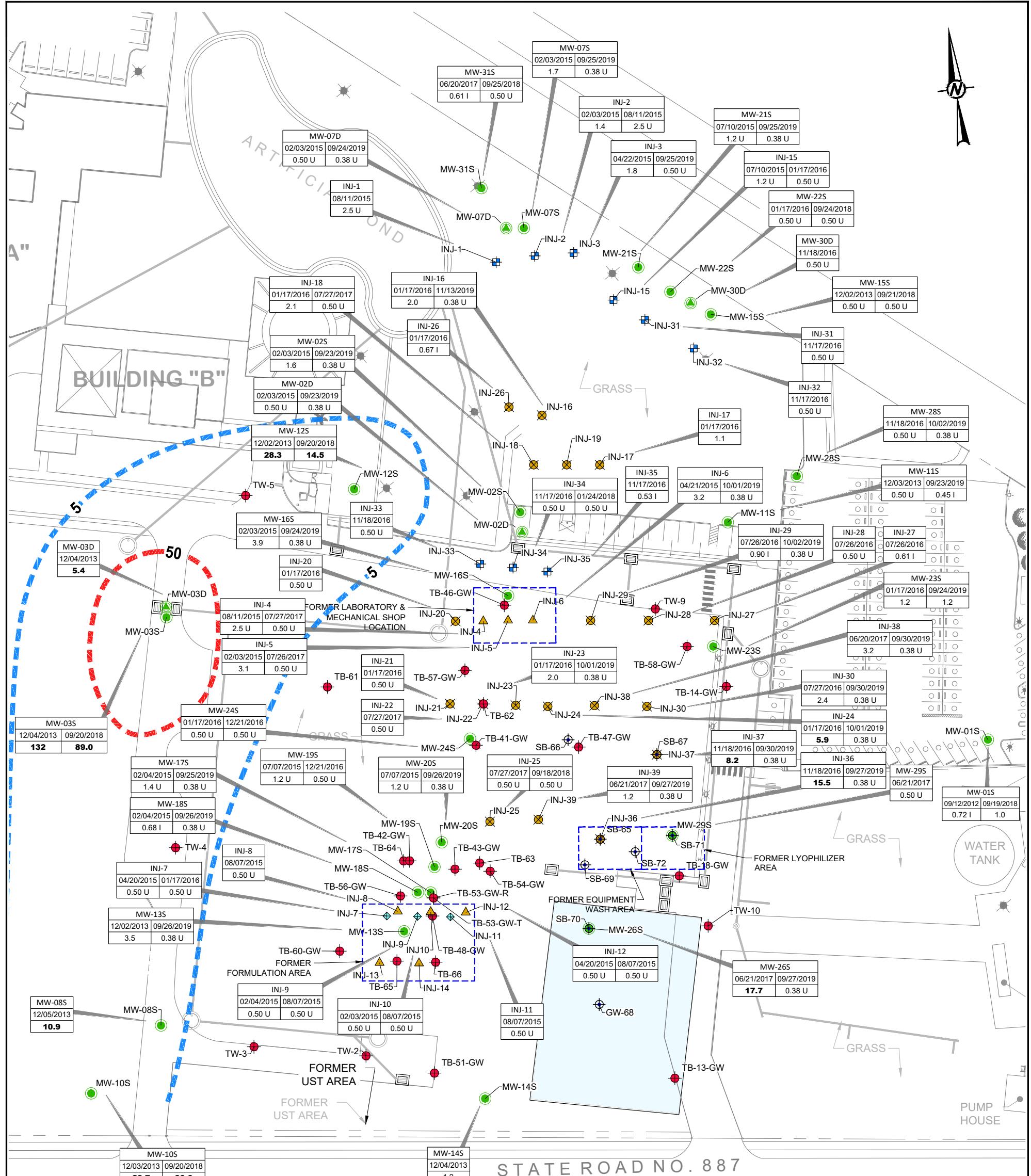
X - Parameter measured or analyzed

-- - not sampled or analyzed

CVOCs - chlorinated volatile organic compounds

## FIGURES





**CLIENT**  
Pfizer

**CONSULTANT**  
GOLDER

APPROXIMATE SCALE  
FEET

YYYY-MM-DD  
2019-10-23

DESIGNED  
MCC

PREPARED  
BCL

REVIEWED  
MCC

APPROVED  
JP

POST-INJECTION ISOCONTOURS  
 $> 5 \mu\text{g}/\text{L}$   
 $> 50 \mu\text{g}/\text{L}$

**PROJECT**  
Pfizer-CAROLINA

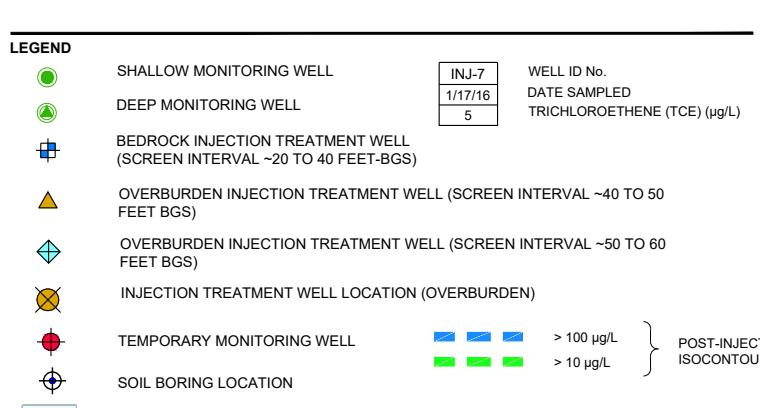
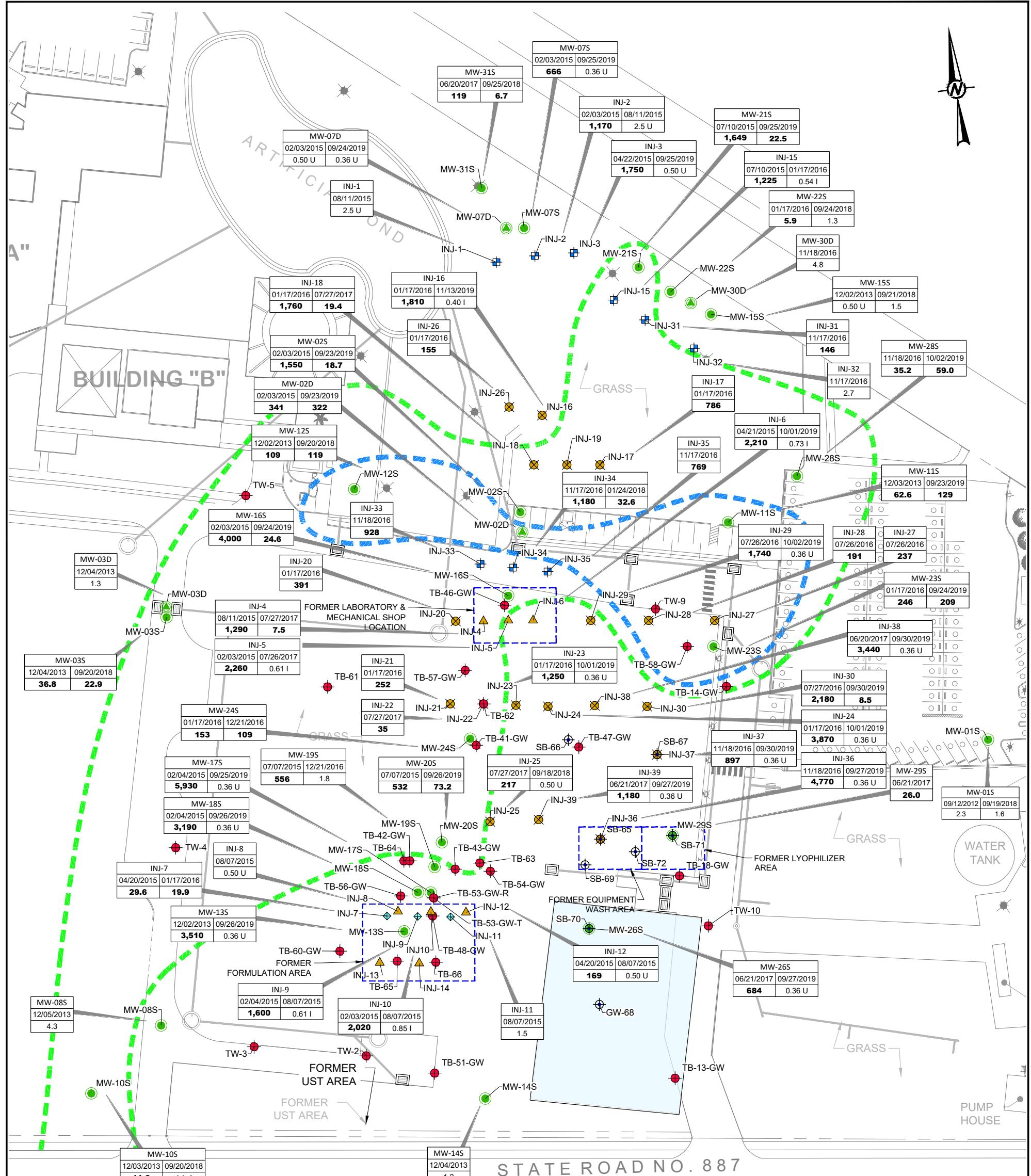
**TITLE**  
**GROUNDWATER ANALYTICAL SUMMARY FOR PCE  
(w/POST-INJECTION ISOCONTOURS)  
(SEPTEMBER - OCTOBER 2019)**

PROJECT NO.  
10382746

Control No.  
10382746-ZZB002

REV.

FIGURE  
2



**NOTE(S)**

- ALL SITE BUILDINGS WITH THE EXCEPTION OF BUILDINGS A, B, AND F WERE DEMOLISHED IN 2013.

**REFERENCE(S)**

- BASEMAP TAKEN FROM WYETH - CAROLINA, FILE NAME "C-SITE-004.dwg", TITLED "STORM WATER PLAN", DATED 08/18/2008.

**CLIENT**  
Pfizer

**CONSULTANT**



YYYY-MM-DD  
2019-10-23

DESIGNED  
MCC

PREPARED  
BCL

REVIEWED  
MCC

APPROVED  
JP

**PROJECT**  
Pfizer-CAROLINA

**TITLE**  
**GROUNDWATER ANALYTICAL SUMMARY FOR TCE  
(w/ POST-INJECTION ISOCONTOURS)  
(SEPTEMBER - OCTOBER 2019)**

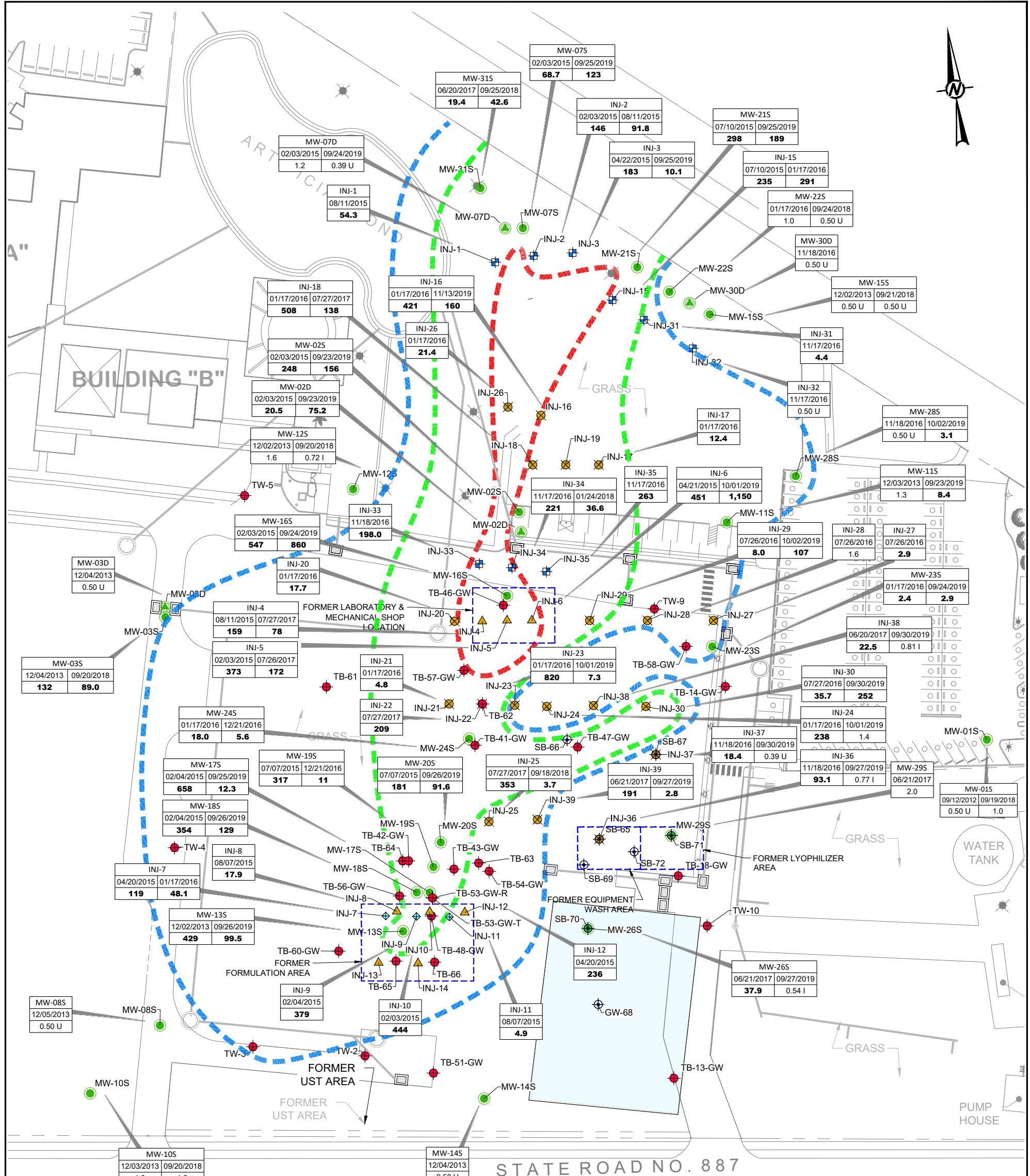
PROJECT NO.  
103-82746

Control No.  
10382746-ZZB003

REV.

FIGURE  
3

30  
0  
30  
APPROXIMATE SCALE FEET



**CLIENT**  
Pfizer

**CONSULTANT**  
**GOLDER**

APPROXIMATE SCALE  
FEET

YYYY-MM-DD  
2019-10-23

DESIGNED  
MCC

PREPARED  
BCL

REVIEWED  
MCC

APPROVED  
JP

**PROJECT**  
Pfizer-CAROLINA

**TITLE**  
**GROUNDWATER ANALYTICAL SUMMARY FOR VINYL CHLORIDE (w/ POST-INJECTION ISOCONTOURS) (SEPTEMBER - OCTOBER 2019)**

PROJECT NO.  
103-82746

Control No.  
10382746-ZZB004

REV.  
.

**ATTACHMENT A**

## Laboratory Analytical Report

September 30, 2019

Mr. Matt Crews, PE  
Golder Associates, Inc.  
9428 Baymeadows Road  
Suite 400  
Jacksonville, FL 32256

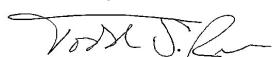
RE: Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

Dear Mr. Crews, PE:

Enclosed are the analytical results for sample(s) received by the laboratory on September 23, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Todd Rea  
todd.rea@pacelabs.com  
(904) 903-7948  
Project Manager

Enclosures

cc: Jax\_Labdata, Golder Associates, Inc.



## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## CERTIFICATIONS

Project: Pfizer-Carolina PR  
 Pace Project No.: 35499815

---

### Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485  
 A2LA Certification #: 2926.01  
 Alabama Certification #: 40770  
 Alaska Contaminated Sites Certification #: 17-009  
 Alaska DW Certification #: MN00064  
 Arizona Certification #: AZ0014  
 Arkansas DW Certification #: MN00064  
 Arkansas WW Certification #: 88-0680  
 California Certification #: 2929  
 CNMI Saipan Certification #: MP0003  
 Colorado Certification #: MN00064  
 Connecticut Certification #: PH-0256  
 EPA Region 8+Wyoming DW Certification #: via MN 027-053-137  
 Florida Certification #: E87605  
 Georgia Certification #: 959  
 Guam EPA Certification #: MN00064  
 Hawaii Certification #: MN00064  
 Idaho Certification #: MN00064  
 Illinois Certification #: 200011  
 Indiana Certification #: C-MN-01  
 Iowa Certification #: 368  
 Kansas Certification #: E-10167  
 Kentucky DW Certification #: 90062  
 Kentucky WW Certification #: 90062  
 Louisiana DEQ Certification #: 03086  
 Louisiana DW Certification #: MN00064  
 Maine Certification #: MN00064  
 Maryland Certification #: 322  
 Massachusetts Certification #: M-MN064  
 Michigan Certification #: 9909  
 Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Certification #: via MN 027-053-137  
 Minnesota Petrofund Certification #: 1240  
 Mississippi Certification #: MN00064  
 Missouri Certification #: 10100  
 Montana Certification #: CERT0092  
 Nebraska Certification #: NE-OS-18-06  
 Nevada Certification #: MN00064  
 New Hampshire Certification #: 2081  
 New Jersey Certification #: MN002  
 New York Certification #: 11647  
 North Carolina DW Certification #: 27700  
 North Carolina WW Certification #: 530  
 North Dakota Certification #: R-036  
 Ohio DW Certification #: 41244  
 Ohio VAP Certification #: CL101  
 Oklahoma Certification #: 9507  
 Oregon Primary Certification #: MN300001  
 Oregon Secondary Certification #: MN200001  
 Pennsylvania Certification #: 68-00563  
 Puerto Rico Certification #: MN00064  
 South Carolina Certification #: 74003001  
 Tennessee Certification #: TN02818  
 Texas Certification #: T104704192  
 Utah Certification #: MN00064  
 Vermont Certification #: VT-027053137  
 Virginia Certification #: 460163  
 Washington Certification #: C486  
 West Virginia DEP Certification #: 382  
 West Virginia DW Certification #: 9952 C  
 Wisconsin Certification #: 999407970  
 Wyoming UST Certification #: via A2LA 2926.01

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: Pfizer-Carolina PR  
 Pace Project No.: 35499815

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35499815001	SG-7	Air	09/19/19 09:29	09/23/19 08:45
35499815002	SG-6	Air	09/19/19 09:05	09/23/19 08:45
35499815003	SG-9	Air	09/19/19 10:24	09/23/19 08:45
35499815004	SG-11	Air	09/19/19 10:02	09/23/19 08:45
35499815005	SG-12	Air	09/19/19 10:51	09/23/19 08:45
35499815006	SG-14	Air	09/19/19 11:23	09/23/19 08:45
35499815007	SG-17	Air	09/19/19 12:08	09/23/19 08:45
35499815008	SS-2	Air	09/19/19 14:04	09/23/19 08:45

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE ANALYTE COUNT

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35499815001	SG-7	TO-15	MJL	61	PASI-M
35499815002	SG-6	TO-15	MLS	61	PASI-M
35499815003	SG-9	TO-15	MLS	61	PASI-M
35499815004	SG-11	TO-15	MJL	61	PASI-M
35499815005	SG-12	TO-15	MLS	61	PASI-M
35499815006	SG-14	TO-15	MJL	61	PASI-M
35499815007	SG-17	TO-15	MLS	61	PASI-M
35499815008	SS-2	TO-15	MLS	61	PASI-M

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## SUMMARY OF DETECTION

Project: Pfizer-Carolina PR

Pace Project No.: 35499815

Lab Sample ID	Client Sample ID						
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers	
<b>35499815001</b>	<b>SG-7</b>						
TO-15	Benzene	153	ug/m3	19.3	09/28/19 18:22		
TO-15	Carbon disulfide	16.8 I	ug/m3	37.6	09/28/19 18:22		
TO-15	1,1-Dichloroethene	37.1 I	ug/m3	47.9	09/28/19 18:22		
TO-15	cis-1,2-Dichloroethene	224	ug/m3	47.9	09/28/19 18:22		
TO-15	trans-1,2-Dichloroethene	49.9	ug/m3	47.9	09/28/19 18:22		
TO-15	Ethanol	247	ug/m3	114	09/28/19 18:22		
TO-15	Ethyl acetate	118	ug/m3	43.5	09/28/19 18:22		
TO-15	n-Heptane	481	ug/m3	49.5	09/28/19 18:22		
TO-15	n-Hexane	1360	ug/m3	42.5	09/28/19 18:22		
TO-15	Propylene	16800	ug/m3	20.8	09/28/19 18:22	L	
TO-15	Toluene	111	ug/m3	45.5	09/28/19 18:22		
TO-15	Trichloroethene	2820	ug/m3	32.4	09/28/19 18:22		
TO-15	Vinyl chloride	792	ug/m3	15.4	09/28/19 18:22		
<b>35499815002</b>	<b>SG-6</b>						
TO-15	Benzene	50.9	ug/m3	19.7	09/26/19 23:08		
TO-15	Carbon disulfide	30.4 I	ug/m3	38.4	09/26/19 23:08		
TO-15	Cyclohexane	162	ug/m3	106	09/26/19 23:08		
TO-15	cis-1,2-Dichloroethene	216	ug/m3	48.8	09/26/19 23:08		
TO-15	trans-1,2-Dichloroethene	37.8 I	ug/m3	48.8	09/26/19 23:08		
TO-15	Ethanol	61.6 I	ug/m3	116	09/26/19 23:08		
TO-15	n-Heptane	222	ug/m3	50.5	09/26/19 23:08		
TO-15	n-Hexane	804	ug/m3	43.4	09/26/19 23:08		
TO-15	Propylene	12400	ug/m3	21.2	09/26/19 23:08	L	
TO-15	Trichloroethene	145	ug/m3	33.1	09/26/19 23:08		
TO-15	Vinyl chloride	64.9	ug/m3	15.8	09/26/19 23:08		
<b>35499815003</b>	<b>SG-9</b>						
TO-15	Acetone	36.2	ug/m3	4.5	09/26/19 20:49		
TO-15	Benzene	27.0	ug/m3	0.61	09/26/19 20:49		
TO-15	Carbon disulfide	129	ug/m3	1.2	09/26/19 20:49		
TO-15	Cyclohexane	91.4	ug/m3	3.3	09/26/19 20:49		
TO-15	Dichlorodifluoromethane	1.5 I	ug/m3	1.9	09/26/19 20:49		
TO-15	cis-1,2-Dichloroethene	18.8	ug/m3	1.5	09/26/19 20:49		
TO-15	Ethanol	38.8	ug/m3	3.6	09/26/19 20:49		
TO-15	Ethyl acetate	7.2	ug/m3	1.4	09/26/19 20:49		
TO-15	Ethylbenzene	8.4	ug/m3	1.7	09/26/19 20:49		
TO-15	n-Heptane	53.9	ug/m3	1.6	09/26/19 20:49		
TO-15	n-Hexane	88.9	ug/m3	1.3	09/26/19 20:49		
TO-15	Methylene Chloride	24.1	ug/m3	6.6	09/26/19 20:49		
TO-15	4-Methyl-2-pentanone (MIBK)	5.2 I	ug/m3	7.8	09/26/19 20:49		
TO-15	Naphthalene	7.0	ug/m3	5.0	09/26/19 20:49		
TO-15	2-Propanol	9.8	ug/m3	4.7	09/26/19 20:49		
TO-15	Propylene	1300	ug/m3	0.65	09/26/19 20:49	L	
TO-15	Tetrachloroethene	25.1	ug/m3	1.3	09/26/19 20:49		
TO-15	Toluene	21.1	ug/m3	1.4	09/26/19 20:49		
TO-15	1,1,1-Trichloroethane	2.1 I	ug/m3	2.1	09/26/19 20:49		
TO-15	Trichloroethene	4.7	ug/m3	1.0	09/26/19 20:49	C8	

## REPORT OF LABORATORY ANALYSIS

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## SUMMARY OF DETECTION

Project: Pfizer-Carolina PR

Pace Project No.: 35499815

Lab Sample ID	Client Sample ID						
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers	
<b>35499815003</b>	<b>SG-9</b>						
TO-15	Trichlorofluoromethane	62.7	ug/m3	2.1	09/26/19 20:49		
TO-15	1,1,2-Trichlorotrifluoroethane	8.2	ug/m3	2.9	09/26/19 20:49		
TO-15	1,2,4-Trimethylbenzene	9.3	ug/m3	1.9	09/26/19 20:49		
TO-15	Vinyl chloride	50.0	ug/m3	0.49	09/26/19 20:49		
TO-15	m&p-Xylene	18.9	ug/m3	3.3	09/26/19 20:49		
TO-15	o-Xylene	8.6	ug/m3	1.7	09/26/19 20:49		
<b>35499815004</b>	<b>SG-11</b>						
TO-15	Benzene	58.2	ug/m3	3.2	09/28/19 17:27		
TO-15	Carbon disulfide	731	ug/m3	6.1	09/28/19 17:27		
TO-15	1,1-Dichloroethene	5.0 l	ug/m3	7.8	09/28/19 17:27		
TO-15	cis-1,2-Dichloroethene	91.3	ug/m3	7.8	09/28/19 17:27		
TO-15	trans-1,2-Dichloroethene	14.6	ug/m3	7.8	09/28/19 17:27		
TO-15	Ethanol	29.1	ug/m3	18.6	09/28/19 17:27		
TO-15	Ethylbenzene	14.4	ug/m3	8.6	09/28/19 17:27		
TO-15	4-Ethyltoluene	16.0 l	ug/m3	24.2	09/28/19 17:27		
TO-15	n-Heptane	48.2	ug/m3	8.1	09/28/19 17:27		
TO-15	n-Hexane	149	ug/m3	6.9	09/28/19 17:27		
TO-15	Methylene Chloride	23.2 l	ug/m3	34.2	09/28/19 17:27		
TO-15	Propylene	4100	ug/m3	3.4	09/28/19 17:27	L	
TO-15	Tetrachloroethene	13.6	ug/m3	6.7	09/28/19 17:27		
TO-15	Toluene	43.9	ug/m3	7.4	09/28/19 17:27		
TO-15	Trichloroethene	98.0	ug/m3	5.3	09/28/19 17:27		
TO-15	Trichlorofluoromethane	31.3	ug/m3	11.1	09/28/19 17:27		
TO-15	1,2,4-Trimethylbenzene	33.7	ug/m3	9.7	09/28/19 17:27		
TO-15	1,3,5-Trimethylbenzene	60.7	ug/m3	9.7	09/28/19 17:27		
TO-15	Vinyl chloride	24.4	ug/m3	2.5	09/28/19 17:27		
TO-15	m&p-Xylene	35.2	ug/m3	17.2	09/28/19 17:27		
TO-15	o-Xylene	33.4	ug/m3	8.6	09/28/19 17:27		
<b>35499815005</b>	<b>SG-12</b>						
TO-15	Acetone	319	ug/m3	158	09/26/19 22:41		
TO-15	Benzene	44.2	ug/m3	21.4	09/26/19 22:41		
TO-15	Carbon disulfide	259	ug/m3	41.6	09/26/19 22:41		
TO-15	Ethanol	347	ug/m3	126	09/26/19 22:41		
TO-15	Ethylbenzene	1720	ug/m3	58.0	09/26/19 22:41		
TO-15	4-Ethyltoluene	267	ug/m3	164	09/26/19 22:41		
TO-15	n-Heptane	63.3	ug/m3	54.7	09/26/19 22:41		
TO-15	n-Hexane	92.0	ug/m3	47.0	09/26/19 22:41		
TO-15	Propylene	892	ug/m3	23.0	09/26/19 22:41		
TO-15	Toluene	94.0	ug/m3	50.3	09/26/19 22:41		
TO-15	1,2,4-Trimethylbenzene	638	ug/m3	65.6	09/26/19 22:41		
TO-15	1,3,5-Trimethylbenzene	432	ug/m3	65.6	09/26/19 22:41		
TO-15	Vinyl chloride	38.7	ug/m3	17.1	09/26/19 22:41		
TO-15	m&p-Xylene	8010	ug/m3	116	09/26/19 22:41		
TO-15	o-Xylene	1670	ug/m3	58.0	09/26/19 22:41		
<b>35499815006</b>	<b>SG-14</b>						
TO-15	Acetone	130	ug/m3	50.6	09/28/19 17:54		

## REPORT OF LABORATORY ANALYSIS

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## SUMMARY OF DETECTION

Project: Pfizer-Carolina PR

Pace Project No.: 35499815

Lab Sample ID	Client Sample ID						
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers	
<b>35499815006</b>	<b>SG-14</b>						
TO-15	Benzene	164	ug/m3	6.8	09/28/19 17:54		
TO-15	Carbon disulfide	129	ug/m3	13.3	09/28/19 17:54		
TO-15	Ethanol	30.1 l	ug/m3	40.3	09/28/19 17:54		
TO-15	Ethylbenzene	267	ug/m3	18.5	09/28/19 17:54		
TO-15	4-Ethyltoluene	152	ug/m3	52.5	09/28/19 17:54		
TO-15	n-Heptane	290	ug/m3	17.5	09/28/19 17:54		
TO-15	n-Hexane	724	ug/m3	15.0	09/28/19 17:54		
TO-15	Methylene Chloride	46.9 l	ug/m3	74.1	09/28/19 17:54		
TO-15	Propylene	9280	ug/m3	29.4	09/29/19 10:17	L	
TO-15	Tetrachloroethene	1220	ug/m3	14.5	09/28/19 17:54		
TO-15	Toluene	137	ug/m3	16.1	09/28/19 17:54		
TO-15	Trichloroethene	104	ug/m3	11.5	09/28/19 17:54		
TO-15	Trichlorofluoromethane	69.5	ug/m3	23.9	09/28/19 17:54		
TO-15	1,1,2-Trichlorotrifluoroethane	24.4 l	ug/m3	32.8	09/28/19 17:54		
TO-15	1,2,4-Trimethylbenzene	604	ug/m3	21.0	09/28/19 17:54		
TO-15	1,3,5-Trimethylbenzene	413	ug/m3	21.0	09/28/19 17:54		
TO-15	m&p-Xylene	1020	ug/m3	37.2	09/28/19 17:54		
TO-15	o-Xylene	328	ug/m3	18.5	09/28/19 17:54		
<b>35499815007</b>	<b>SG-17</b>						
TO-15	Benzene	1060	ug/m3	85.4	09/27/19 00:02		
TO-15	Carbon disulfide	179	ug/m3	166	09/27/19 00:02		
TO-15	Ethylbenzene	7520	ug/m3	232	09/27/19 00:02		
TO-15	4-Ethyltoluene	1270	ug/m3	657	09/27/19 00:02		
TO-15	n-Heptane	210 l	ug/m3	219	09/27/19 00:02		
TO-15	n-Hexane	536	ug/m3	188	09/27/19 00:02		
TO-15	Propylene	10500	ug/m3	92.0	09/27/19 00:02		
TO-15	Tetrachloroethene	136 l	ug/m3	181	09/27/19 00:02		
TO-15	Toluene	364	ug/m3	201	09/27/19 00:02		
TO-15	Trichloroethene	116 l	ug/m3	143	09/27/19 00:02		
TO-15	1,2,4-Trimethylbenzene	1460	ug/m3	263	09/27/19 00:02		
TO-15	1,3,5-Trimethylbenzene	1090	ug/m3	263	09/27/19 00:02		
TO-15	m&p-Xylene	24900	ug/m3	465	09/27/19 00:02		
TO-15	o-Xylene	4620	ug/m3	232	09/27/19 00:02		
<b>35499815008</b>	<b>SS-2</b>						
TO-15	Acetone	337	ug/m3	5.8	09/26/19 21:18		
TO-15	Benzene	4.0	ug/m3	0.78	09/26/19 21:18		
TO-15	Bromodichloromethane	3.2 l	ug/m3	3.3	09/26/19 21:18		
TO-15	2-Butanone (MEK)	89.6	ug/m3	7.2	09/26/19 21:18		
TO-15	Carbon disulfide	4.0	ug/m3	1.5	09/26/19 21:18		
TO-15	Chloroform	12.4	ug/m3	1.2	09/26/19 21:18		
TO-15	Chloromethane	2.3	ug/m3	1.0	09/26/19 21:18		
TO-15	Cyclohexane	5.5	ug/m3	4.2	09/26/19 21:18		
TO-15	Dichlorodifluoromethane	2.0 l	ug/m3	2.4	09/26/19 21:18		
TO-15	1,2-Dichloroethane	3.9	ug/m3	0.99	09/26/19 21:18		
TO-15	Ethanol	96.9	ug/m3	4.6	09/26/19 21:18		
TO-15	Ethyl acetate	193	ug/m3	1.8	09/26/19 21:18		

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## SUMMARY OF DETECTION

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

Lab Sample ID	Client Sample ID	Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35499815008	SS-2							
TO-15	Ethylbenzene			81.0	ug/m3	2.1	09/26/19 21:18	
TO-15	4-Ethyltoluene			3.5 l	ug/m3	6.0	09/26/19 21:18	
TO-15	n-Heptane			5.7	ug/m3	2.0	09/26/19 21:18	
TO-15	n-Hexane			11.2	ug/m3	1.7	09/26/19 21:18	
TO-15	2-Hexanone			15.0	ug/m3	10	09/26/19 21:18	
TO-15	Methylene Chloride			66.3	ug/m3	8.5	09/26/19 21:18	
TO-15	4-Methyl-2-pentanone (MIBK)			7.9 l	ug/m3	10	09/26/19 21:18	
TO-15	Naphthalene			8.4	ug/m3	6.4	09/26/19 21:18	
TO-15	2-Propanol			59.9	ug/m3	6.0	09/26/19 21:18	
TO-15	Tetrachloroethene			16.9	ug/m3	1.7	09/26/19 21:18	
TO-15	Tetrahydrofuran			19.5	ug/m3	1.4	09/26/19 21:18	
TO-15	Toluene			56.5	ug/m3	1.8	09/26/19 21:18	
TO-15	Trichloroethene			12.2	ug/m3	1.3	09/26/19 21:18	
TO-15	Trichlorofluoromethane			1.2 l	ug/m3	2.7	09/26/19 21:18	
TO-15	1,2,4-Trimethylbenzene			11.7	ug/m3	2.4	09/26/19 21:18	
TO-15	m&p-Xylene			316	ug/m3	4.2	09/26/19 21:18	
TO-15	o-Xylene			89.1	ug/m3	2.1	09/26/19 21:18	

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR

Pace Project No.: 35499815

Sample: SG-7	Lab ID: 35499815001	Collected: 09/19/19 09:29	Received: 09/23/19 08:45	Matrix: Air					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Acetone	71.9 U	ug/m3	143	71.9	59.4		09/28/19 18:22	67-64-1	
Benzene	153	ug/m3	19.3	9.1	59.4		09/28/19 18:22	71-43-2	
Benzyl chloride	71.3 U	ug/m3	156	71.3	59.4		09/28/19 18:22	100-44-7	
Bromodichloromethane	21.7 U	ug/m3	80.8	21.7	59.4		09/28/19 18:22	75-27-4	
Bromoform	84.3 U	ug/m3	312	84.3	59.4		09/28/19 18:22	75-25-2	
Bromomethane	13.5 U	ug/m3	46.9	13.5	59.4		09/28/19 18:22	74-83-9	
1,3-Butadiene	7.6 U	ug/m3	26.7	7.6	59.4		09/28/19 18:22	106-99-0	
2-Butanone (MEK)	21.9 U	ug/m3	178	21.9	59.4		09/28/19 18:22	78-93-3	
Carbon disulfide	16.8 I	ug/m3	37.6	13.0	59.4		09/28/19 18:22	75-15-0	
Carbon tetrachloride	25.5 U	ug/m3	76.0	25.5	59.4		09/28/19 18:22	56-23-5	
Chlorobenzene	16.3 U	ug/m3	55.6	16.3	59.4		09/28/19 18:22	108-90-7	
Chloroethane	15.4 U	ug/m3	79.7	15.4	59.4		09/28/19 18:22	75-00-3	
Chloroform	11.6 U	ug/m3	29.5	11.6	59.4		09/28/19 18:22	67-66-3	
Chloromethane	9.3 U	ug/m3	24.9	9.3	59.4		09/28/19 18:22	74-87-3	
Cyclohexane	21.0 U	ug/m3	104	21.0	59.4		09/28/19 18:22	110-82-7	
Dibromochloromethane	42.7 U	ug/m3	103	42.7	59.4		09/28/19 18:22	124-48-1	
1,2-Dibromoethane (EDB)	21.7 U	ug/m3	46.4	21.7	59.4		09/28/19 18:22	106-93-4	
1,2-Dichlorobenzene	29.6 U	ug/m3	72.5	29.6	59.4		09/28/19 18:22	95-50-1	
1,3-Dichlorobenzene	34.5 U	ug/m3	72.5	34.5	59.4		09/28/19 18:22	541-73-1	
1,4-Dichlorobenzene	59.4 U	ug/m3	182	59.4	59.4		09/28/19 18:22	106-46-7	
Dichlorodifluoromethane	17.4 U	ug/m3	60.0	17.4	59.4		09/28/19 18:22	75-71-8	
1,1-Dichloroethane	13.4 U	ug/m3	48.9	13.4	59.4		09/28/19 18:22	75-34-3	
1,2-Dichloroethane	8.9 U	ug/m3	24.4	8.9	59.4		09/28/19 18:22	107-06-2	
1,1-Dichloroethene	37.1 I	ug/m3	47.9	16.3	59.4		09/28/19 18:22	75-35-4	
cis-1,2-Dichloroethene	224	ug/m3	47.9	13.0	59.4		09/28/19 18:22	156-59-2	
trans-1,2-Dichloroethene	49.9	ug/m3	47.9	16.9	59.4		09/28/19 18:22	156-60-5	
1,2-Dichloropropane	13.7 U	ug/m3	55.8	13.7	59.4		09/28/19 18:22	78-87-5	
cis-1,3-Dichloropropene	18.1 U	ug/m3	54.8	18.1	59.4		09/28/19 18:22	10061-01-5	
trans-1,3-Dichloropropene	26.1 U	ug/m3	54.8	26.1	59.4		09/28/19 18:22	10061-02-6	
Dichlorotetrafluoroethane	26.0 U	ug/m3	84.3	26.0	59.4		09/28/19 18:22	76-14-2	
Ethanol	247	ug/m3	114	48.2	59.4		09/28/19 18:22	64-17-5	
Ethyl acetate	118	ug/m3	43.5	11.3	59.4		09/28/19 18:22	141-78-6	
Ethylbenzene	18.1 U	ug/m3	52.5	18.1	59.4		09/28/19 18:22	100-41-4	
4-Ethyltoluene	33.9 U	ug/m3	148	33.9	59.4		09/28/19 18:22	622-96-8	
n-Heptane	481	ug/m3	49.5	22.6	59.4		09/28/19 18:22	142-82-5	
Hexachloro-1,3-butadiene	117 U	ug/m3	322	117	59.4		09/28/19 18:22	87-68-3	
n-Hexane	1360	ug/m3	42.5	18.5	59.4		09/28/19 18:22	110-54-3	
2-Hexanone	44.3 U	ug/m3	247	44.3	59.4		09/28/19 18:22	591-78-6	
Methylene Chloride	71.9 U	ug/m3	210	71.9	59.4		09/28/19 18:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	30.8 U	ug/m3	247	30.8	59.4		09/28/19 18:22	108-10-1	
Methyl-tert-butyl ether	39.4 U	ug/m3	217	39.4	59.4		09/28/19 18:22	1634-04-4	
Naphthalene	77.8 U	ug/m3	158	77.8	59.4		09/28/19 18:22	91-20-3	
2-Propanol	41.4 U	ug/m3	148	41.4	59.4		09/28/19 18:22	67-63-0	
Propylene	16800	ug/m3	20.8	8.3	59.4		09/28/19 18:22	115-07-1	L
Styrene	20.4 U	ug/m3	51.4	20.4	59.4		09/28/19 18:22	100-42-5	
1,1,2,2-Tetrachloroethane	18.4 U	ug/m3	82.9	18.4	59.4		09/28/19 18:22	79-34-5	

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

Sample: SG-7	Lab ID: 35499815001	Collected: 09/19/19 09:29	Received: 09/23/19 08:45	Matrix: Air					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Tetrachloroethene	<b>18.7 U</b>	ug/m3	40.9	18.7	59.4		09/28/19 18:22	127-18-4	
Tetrahydrofuran	<b>15.5 U</b>	ug/m3	35.6	15.5	59.4		09/28/19 18:22	109-99-9	
Toluene	<b>111</b>	ug/m3	45.5	20.8	59.4		09/28/19 18:22	108-88-3	
1,2,4-Trichlorobenzene	<b>221 U</b>	ug/m3	448	221	59.4		09/28/19 18:22	120-82-1	
1,1,1-Trichloroethane	<b>18.4 U</b>	ug/m3	65.9	18.4	59.4		09/28/19 18:22	71-55-6	
1,1,2-Trichloroethane	<b>14.4 U</b>	ug/m3	33.0	14.4	59.4		09/28/19 18:22	79-00-5	
Trichloroethene	<b>2820</b>	ug/m3	32.4	15.0	59.4		09/28/19 18:22	79-01-6	
Trichlorofluoromethane	<b>21.7 U</b>	ug/m3	67.7	21.7	59.4		09/28/19 18:22	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>33.5 U</b>	ug/m3	92.7	33.5	59.4		09/28/19 18:22	76-13-1	
1,2,4-Trimethylbenzene	<b>26.8 U</b>	ug/m3	59.3	26.8	59.4		09/28/19 18:22	95-63-6	
1,3,5-Trimethylbenzene	<b>23.7 U</b>	ug/m3	59.3	23.7	59.4		09/28/19 18:22	108-67-8	
Vinyl acetate	<b>16.0 U</b>	ug/m3	106	16.0	59.4		09/28/19 18:22	108-05-4	
Vinyl chloride	<b>792</b>	ug/m3	15.4	7.5	59.4		09/28/19 18:22	75-01-4	
m&p-Xylene	<b>41.5 U</b>	ug/m3	105	41.5	59.4		09/28/19 18:22	179601-23-1	
o-Xylene	<b>20.4 U</b>	ug/m3	52.5	20.4	59.4		09/28/19 18:22	95-47-6	

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR

Pace Project No.: 35499815

Sample: SG-6	Lab ID: 35499815002	Collected: 09/19/19 09:05	Received: 09/23/19 08:45	Matrix: Air					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Acetone	73.3 U	ug/m3	146	73.3	60.6		09/26/19 23:08	67-64-1	
Benzene	50.9	ug/m3	19.7	9.3	60.6		09/26/19 23:08	71-43-2	
Benzyl chloride	72.7 U	ug/m3	159	72.7	60.6		09/26/19 23:08	100-44-7	
Bromodichloromethane	22.2 U	ug/m3	82.4	22.2	60.6		09/26/19 23:08	75-27-4	
Bromoform	86.1 U	ug/m3	318	86.1	60.6		09/26/19 23:08	75-25-2	
Bromomethane	13.8 U	ug/m3	47.8	13.8	60.6		09/26/19 23:08	74-83-9	
1,3-Butadiene	7.8 U	ug/m3	27.3	7.8	60.6		09/26/19 23:08	106-99-0	
2-Butanone (MEK)	22.4 U	ug/m3	182	22.4	60.6		09/26/19 23:08	78-93-3	
Carbon disulfide	30.4 I	ug/m3	38.4	13.3	60.6		09/26/19 23:08	75-15-0	
Carbon tetrachloride	26.0 U	ug/m3	77.6	26.0	60.6		09/26/19 23:08	56-23-5	
Chlorobenzene	16.7 U	ug/m3	56.7	16.7	60.6		09/26/19 23:08	108-90-7	
Chloroethane	15.8 U	ug/m3	81.3	15.8	60.6		09/26/19 23:08	75-00-3	
Chloroform	11.9 U	ug/m3	30.1	11.9	60.6		09/26/19 23:08	67-66-3	
Chloromethane	9.5 U	ug/m3	25.5	9.5	60.6		09/26/19 23:08	74-87-3	
Cyclohexane	162	ug/m3	106	21.4	60.6		09/26/19 23:08	110-82-7	
Dibromochloromethane	43.6 U	ug/m3	105	43.6	60.6		09/26/19 23:08	124-48-1	
1,2-Dibromoethane (EDB)	22.2 U	ug/m3	47.3	22.2	60.6		09/26/19 23:08	106-93-4	
1,2-Dichlorobenzene	30.2 U	ug/m3	73.9	30.2	60.6		09/26/19 23:08	95-50-1	
1,3-Dichlorobenzene	35.2 U	ug/m3	73.9	35.2	60.6		09/26/19 23:08	541-73-1	
1,4-Dichlorobenzene	60.6 U	ug/m3	185	60.6	60.6		09/26/19 23:08	106-46-7	
Dichlorodifluoromethane	17.8 U	ug/m3	61.2	17.8	60.6		09/26/19 23:08	75-71-8	
1,1-Dichloroethane	13.6 U	ug/m3	49.9	13.6	60.6		09/26/19 23:08	75-34-3	
1,2-Dichloroethane	9.1 U	ug/m3	24.9	9.1	60.6		09/26/19 23:08	107-06-2	
1,1-Dichloroethene	16.6 U	ug/m3	48.8	16.6	60.6		09/26/19 23:08	75-35-4	
cis-1,2-Dichloroethene	216	ug/m3	48.8	13.3	60.6		09/26/19 23:08	156-59-2	
trans-1,2-Dichloroethene	37.8 I	ug/m3	48.8	17.3	60.6		09/26/19 23:08	156-60-5	
1,2-Dichloropropane	13.9 U	ug/m3	56.9	13.9	60.6		09/26/19 23:08	78-87-5	
cis-1,3-Dichloropropene	18.4 U	ug/m3	55.9	18.4	60.6		09/26/19 23:08	10061-01-5	
trans-1,3-Dichloropropene	26.7 U	ug/m3	55.9	26.7	60.6		09/26/19 23:08	10061-02-6	
Dichlorotetrafluoroethane	26.5 U	ug/m3	86.1	26.5	60.6		09/26/19 23:08	76-14-2	
Ethanol	61.6 I	ug/m3	116	49.2	60.6		09/26/19 23:08	64-17-5	
Ethyl acetate	11.5 U	ug/m3	44.4	11.5	60.6		09/26/19 23:08	141-78-6	
Ethylbenzene	18.5 U	ug/m3	53.5	18.5	60.6		09/26/19 23:08	100-41-4	
4-Ethyltoluene	34.5 U	ug/m3	152	34.5	60.6		09/26/19 23:08	622-96-8	
n-Heptane	222	ug/m3	50.5	23.0	60.6		09/26/19 23:08	142-82-5	
Hexachloro-1,3-butadiene	119 U	ug/m3	328	119	60.6		09/26/19 23:08	87-68-3	
n-Hexane	804	ug/m3	43.4	18.8	60.6		09/26/19 23:08	110-54-3	
2-Hexanone	45.1 U	ug/m3	252	45.1	60.6		09/26/19 23:08	591-78-6	
Methylene Chloride	73.3 U	ug/m3	214	73.3	60.6		09/26/19 23:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	31.4 U	ug/m3	252	31.4	60.6		09/26/19 23:08	108-10-1	
Methyl-tert-butyl ether	40.2 U	ug/m3	222	40.2	60.6		09/26/19 23:08	1634-04-4	
Naphthalene	79.4 U	ug/m3	161	79.4	60.6		09/26/19 23:08	91-20-3	
2-Propanol	42.2 U	ug/m3	152	42.2	60.6		09/26/19 23:08	67-63-0	
Propylene	12400	ug/m3	21.2	8.5	60.6		09/26/19 23:08	115-07-1	L
Styrene	20.8 U	ug/m3	52.5	20.8	60.6		09/26/19 23:08	100-42-5	
1,1,2,2-Tetrachloroethane	18.7 U	ug/m3	84.6	18.7	60.6		09/26/19 23:08	79-34-5	

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

Sample: SG-6	Lab ID: 35499815002	Collected: 09/19/19 09:05	Received: 09/23/19 08:45	Matrix: Air					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Tetrachloroethene	<b>19.0 U</b>	ug/m3	41.8	19.0	60.6		09/26/19 23:08	127-18-4	
Tetrahydrofuran	<b>15.8 U</b>	ug/m3	36.4	15.8	60.6		09/26/19 23:08	109-99-9	
Toluene	<b>21.3 U</b>	ug/m3	46.4	21.3	60.6		09/26/19 23:08	108-88-3	
1,2,4-Trichlorobenzene	<b>225 U</b>	ug/m3	457	225	60.6		09/26/19 23:08	120-82-1	
1,1,1-Trichloroethane	<b>18.7 U</b>	ug/m3	67.3	18.7	60.6		09/26/19 23:08	71-55-6	
1,1,2-Trichloroethane	<b>14.7 U</b>	ug/m3	33.6	14.7	60.6		09/26/19 23:08	79-00-5	
Trichloroethene	<b>145</b>	ug/m3	33.1	15.3	60.6		09/26/19 23:08	79-01-6	
Trichlorofluoromethane	<b>22.2 U</b>	ug/m3	69.1	22.2	60.6		09/26/19 23:08	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>34.2 U</b>	ug/m3	94.5	34.2	60.6		09/26/19 23:08	76-13-1	
1,2,4-Trimethylbenzene	<b>27.4 U</b>	ug/m3	60.5	27.4	60.6		09/26/19 23:08	95-63-6	
1,3,5-Trimethylbenzene	<b>24.2 U</b>	ug/m3	60.5	24.2	60.6		09/26/19 23:08	108-67-8	
Vinyl acetate	<b>16.4 U</b>	ug/m3	108	16.4	60.6		09/26/19 23:08	108-05-4	
Vinyl chloride	<b>64.9</b>	ug/m3	15.8	7.6	60.6		09/26/19 23:08	75-01-4	
m&p-Xylene	<b>42.4 U</b>	ug/m3	107	42.4	60.6		09/26/19 23:08	179601-23-1	
o-Xylene	<b>20.8 U</b>	ug/m3	53.5	20.8	60.6		09/26/19 23:08	95-47-6	

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

Sample: SG-9	Lab ID: 35499815003	Collected: 09/19/19 10:24	Received: 09/23/19 08:45	Matrix: Air					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Acetone	<b>36.2</b>	ug/m3	4.5	2.3	1.87		09/26/19 20:49	67-64-1	
Benzene	<b>27.0</b>	ug/m3	0.61	0.29	1.87		09/26/19 20:49	71-43-2	
Benzyl chloride	<b>2.2 U</b>	ug/m3	4.9	2.2	1.87		09/26/19 20:49	100-44-7	
Bromodichloromethane	<b>0.68 U</b>	ug/m3	2.5	0.68	1.87		09/26/19 20:49	75-27-4	
Bromoform	<b>2.7 U</b>	ug/m3	9.8	2.7	1.87		09/26/19 20:49	75-25-2	
Bromomethane	<b>0.42 U</b>	ug/m3	1.5	0.42	1.87		09/26/19 20:49	74-83-9	
1,3-Butadiene	<b>0.24 U</b>	ug/m3	0.84	0.24	1.87		09/26/19 20:49	106-99-0	
2-Butanone (MEK)	<b>0.69 U</b>	ug/m3	5.6	0.69	1.87		09/26/19 20:49	78-93-3	
Carbon disulfide	<b>129</b>	ug/m3	1.2	0.41	1.87		09/26/19 20:49	75-15-0	
Carbon tetrachloride	<b>0.80 U</b>	ug/m3	2.4	0.80	1.87		09/26/19 20:49	56-23-5	
Chlorobenzene	<b>0.51 U</b>	ug/m3	1.8	0.51	1.87		09/26/19 20:49	108-90-7	
Chloroethane	<b>0.49 U</b>	ug/m3	2.5	0.49	1.87		09/26/19 20:49	75-00-3	
Chloroform	<b>0.37 U</b>	ug/m3	0.93	0.37	1.87		09/26/19 20:49	67-66-3	
Chloromethane	<b>0.29 U</b>	ug/m3	0.79	0.29	1.87		09/26/19 20:49	74-87-3	
Cyclohexane	<b>91.4</b>	ug/m3	3.3	0.66	1.87		09/26/19 20:49	110-82-7	
Dibromochloromethane	<b>1.3 U</b>	ug/m3	3.2	1.3	1.87		09/26/19 20:49	124-48-1	
1,2-Dibromoethane (EDB)	<b>0.68 U</b>	ug/m3	1.5	0.68	1.87		09/26/19 20:49	106-93-4	
1,2-Dichlorobenzene	<b>0.93 U</b>	ug/m3	2.3	0.93	1.87		09/26/19 20:49	95-50-1	
1,3-Dichlorobenzene	<b>1.1 U</b>	ug/m3	2.3	1.1	1.87		09/26/19 20:49	541-73-1	
1,4-Dichlorobenzene	<b>1.9 U</b>	ug/m3	5.7	1.9	1.87		09/26/19 20:49	106-46-7	
Dichlorodifluoromethane	<b>1.5 I</b>	ug/m3	1.9	0.55	1.87		09/26/19 20:49	75-71-8	
1,1-Dichloroethane	<b>0.42 U</b>	ug/m3	1.5	0.42	1.87		09/26/19 20:49	75-34-3	
1,2-Dichloroethane	<b>0.28 U</b>	ug/m3	0.77	0.28	1.87		09/26/19 20:49	107-06-2	
1,1-Dichloroethene	<b>0.51 U</b>	ug/m3	1.5	0.51	1.87		09/26/19 20:49	75-35-4	
cis-1,2-Dichloroethene	<b>18.8</b>	ug/m3	1.5	0.41	1.87		09/26/19 20:49	156-59-2	
trans-1,2-Dichloroethene	<b>0.53 U</b>	ug/m3	1.5	0.53	1.87		09/26/19 20:49	156-60-5	
1,2-Dichloropropane	<b>0.43 U</b>	ug/m3	1.8	0.43	1.87		09/26/19 20:49	78-87-5	
cis-1,3-Dichloropropene	<b>0.57 U</b>	ug/m3	1.7	0.57	1.87		09/26/19 20:49	10061-01-5	
trans-1,3-Dichloropropene	<b>0.82 U</b>	ug/m3	1.7	0.82	1.87		09/26/19 20:49	10061-02-6	
Dichlorotetrafluoroethane	<b>0.82 U</b>	ug/m3	2.7	0.82	1.87		09/26/19 20:49	76-14-2	
Ethanol	<b>38.8</b>	ug/m3	3.6	1.5	1.87		09/26/19 20:49	64-17-5	
Ethyl acetate	<b>7.2</b>	ug/m3	1.4	0.36	1.87		09/26/19 20:49	141-78-6	
Ethylbenzene	<b>8.4</b>	ug/m3	1.7	0.57	1.87		09/26/19 20:49	100-41-4	
4-Ethyltoluene	<b>1.1 U</b>	ug/m3	4.7	1.1	1.87		09/26/19 20:49	622-96-8	
n-Heptane	<b>53.9</b>	ug/m3	1.6	0.71	1.87		09/26/19 20:49	142-82-5	
Hexachloro-1,3-butadiene	<b>3.7 U</b>	ug/m3	10.1	3.7	1.87		09/26/19 20:49	87-68-3	
n-Hexane	<b>88.9</b>	ug/m3	1.3	0.58	1.87		09/26/19 20:49	110-54-3	
2-Hexanone	<b>1.4 U</b>	ug/m3	7.8	1.4	1.87		09/26/19 20:49	591-78-6	
Methylene Chloride	<b>24.1</b>	ug/m3	6.6	2.3	1.87		09/26/19 20:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>5.2 I</b>	ug/m3	7.8	0.97	1.87		09/26/19 20:49	108-10-1	
Methyl-tert-butyl ether	<b>1.2 U</b>	ug/m3	6.8	1.2	1.87		09/26/19 20:49	1634-04-4	
Naphthalene	<b>7.0</b>	ug/m3	5.0	2.4	1.87		09/26/19 20:49	91-20-3	
2-Propanol	<b>9.8</b>	ug/m3	4.7	1.3	1.87		09/26/19 20:49	67-63-0	
Propylene	<b>1300</b>	ug/m3	0.65	0.26	1.87		09/26/19 20:49	115-07-1	L
Styrene	<b>0.64 U</b>	ug/m3	1.6	0.64	1.87		09/26/19 20:49	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.58 U</b>	ug/m3	2.6	0.58	1.87		09/26/19 20:49	79-34-5	

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

Sample: SG-9	Lab ID: 35499815003	Collected: 09/19/19 10:24	Received: 09/23/19 08:45	Matrix: Air					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Tetrachloroethene	<b>25.1</b>	ug/m3	1.3	0.59	1.87		09/26/19 20:49	127-18-4	
Tetrahydrofuran	<b>0.49 U</b>	ug/m3	1.1	0.49	1.87		09/26/19 20:49	109-99-9	
Toluene	<b>21.1</b>	ug/m3	1.4	0.66	1.87		09/26/19 20:49	108-88-3	
1,2,4-Trichlorobenzene	<b>7.0 U</b>	ug/m3	14.1	7.0	1.87		09/26/19 20:49	120-82-1	
1,1,1-Trichloroethane	<b>2.1 I</b>	ug/m3	2.1	0.58	1.87		09/26/19 20:49	71-55-6	
1,1,2-Trichloroethane	<b>0.45 U</b>	ug/m3	1.0	0.45	1.87		09/26/19 20:49	79-00-5	
Trichloroethylene	<b>4.7</b>	ug/m3	1.0	0.47	1.87		09/26/19 20:49	79-01-6	C8
Trichlorofluoromethane	<b>62.7</b>	ug/m3	2.1	0.68	1.87		09/26/19 20:49	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>8.2</b>	ug/m3	2.9	1.1	1.87		09/26/19 20:49	76-13-1	
1,2,4-Trimethylbenzene	<b>9.3</b>	ug/m3	1.9	0.85	1.87		09/26/19 20:49	95-63-6	
1,3,5-Trimethylbenzene	<b>0.75 U</b>	ug/m3	1.9	0.75	1.87		09/26/19 20:49	108-67-8	
Vinyl acetate	<b>0.50 U</b>	ug/m3	3.3	0.50	1.87		09/26/19 20:49	108-05-4	
Vinyl chloride	<b>50.0</b>	ug/m3	0.49	0.24	1.87		09/26/19 20:49	75-01-4	
m&p-Xylene	<b>18.9</b>	ug/m3	3.3	1.3	1.87		09/26/19 20:49	179601-23-1	
o-Xylene	<b>8.6</b>	ug/m3	1.7	0.64	1.87		09/26/19 20:49	95-47-6	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

Sample: SG-11	Lab ID: 35499815004	Collected: 09/19/19 10:02	Received: 09/23/19 08:45	Matrix: Air					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Acetone	11.7 U	ug/m3	23.4	11.7	9.7		09/28/19 17:27	67-64-1	
Benzene	58.2	ug/m3	3.2	1.5	9.7		09/28/19 17:27	71-43-2	
Benzyl chloride	11.6 U	ug/m3	25.5	11.6	9.7		09/28/19 17:27	100-44-7	
Bromodichloromethane	3.6 U	ug/m3	13.2	3.6	9.7		09/28/19 17:27	75-27-4	
Bromoform	13.8 U	ug/m3	50.9	13.8	9.7		09/28/19 17:27	75-25-2	
Bromomethane	2.2 U	ug/m3	7.7	2.2	9.7		09/28/19 17:27	74-83-9	
1,3-Butadiene	1.2 U	ug/m3	4.4	1.2	9.7		09/28/19 17:27	106-99-0	
2-Butanone (MEK)	3.6 U	ug/m3	29.1	3.6	9.7		09/28/19 17:27	78-93-3	
Carbon disulfide	731	ug/m3	6.1	2.1	9.7		09/28/19 17:27	75-15-0	
Carbon tetrachloride	4.2 U	ug/m3	12.4	4.2	9.7		09/28/19 17:27	56-23-5	
Chlorobenzene	2.7 U	ug/m3	9.1	2.7	9.7		09/28/19 17:27	108-90-7	
Chloroethane	2.5 U	ug/m3	13.0	2.5	9.7		09/28/19 17:27	75-00-3	
Chloroform	1.9 U	ug/m3	4.8	1.9	9.7		09/28/19 17:27	67-66-3	
Chloromethane	1.5 U	ug/m3	4.1	1.5	9.7		09/28/19 17:27	74-87-3	
Cyclohexane	3.4 U	ug/m3	17.0	3.4	9.7		09/28/19 17:27	110-82-7	
Dibromochloromethane	7.0 U	ug/m3	16.8	7.0	9.7		09/28/19 17:27	124-48-1	
1,2-Dibromoethane (EDB)	3.6 U	ug/m3	7.6	3.6	9.7		09/28/19 17:27	106-93-4	
1,2-Dichlorobenzene	4.8 U	ug/m3	11.8	4.8	9.7		09/28/19 17:27	95-50-1	
1,3-Dichlorobenzene	5.6 U	ug/m3	11.8	5.6	9.7		09/28/19 17:27	541-73-1	
1,4-Dichlorobenzene	9.7 U	ug/m3	29.7	9.7	9.7		09/28/19 17:27	106-46-7	
Dichlorodifluoromethane	2.8 U	ug/m3	9.8	2.8	9.7		09/28/19 17:27	75-71-8	
1,1-Dichloroethane	2.2 U	ug/m3	8.0	2.2	9.7		09/28/19 17:27	75-34-3	
1,2-Dichloroethane	1.5 U	ug/m3	4.0	1.5	9.7		09/28/19 17:27	107-06-2	
1,1-Dichloroethene	5.0 I	ug/m3	7.8	2.7	9.7		09/28/19 17:27	75-35-4	
cis-1,2-Dichloroethene	91.3	ug/m3	7.8	2.1	9.7		09/28/19 17:27	156-59-2	
trans-1,2-Dichloroethene	14.6	ug/m3	7.8	2.8	9.7		09/28/19 17:27	156-60-5	
1,2-Dichloropropane	2.2 U	ug/m3	9.1	2.2	9.7		09/28/19 17:27	78-87-5	
cis-1,3-Dichloropropene	2.9 U	ug/m3	9.0	2.9	9.7		09/28/19 17:27	10061-01-5	
trans-1,3-Dichloropropene	4.3 U	ug/m3	9.0	4.3	9.7		09/28/19 17:27	10061-02-6	
Dichlorotetrafluoroethane	4.2 U	ug/m3	13.8	4.2	9.7		09/28/19 17:27	76-14-2	
Ethanol	29.1	ug/m3	18.6	7.9	9.7		09/28/19 17:27	64-17-5	
Ethyl acetate	1.8 U	ug/m3	7.1	1.8	9.7		09/28/19 17:27	141-78-6	
Ethylbenzene	14.4	ug/m3	8.6	3.0	9.7		09/28/19 17:27	100-41-4	
4-Ethyltoluene	16.0 I	ug/m3	24.2	5.5	9.7		09/28/19 17:27	622-96-8	
n-Heptane	48.2	ug/m3	8.1	3.7	9.7		09/28/19 17:27	142-82-5	
Hexachloro-1,3-butadiene	19.1 U	ug/m3	52.6	19.1	9.7		09/28/19 17:27	87-68-3	
n-Hexane	149	ug/m3	6.9	3.0	9.7		09/28/19 17:27	110-54-3	
2-Hexanone	7.2 U	ug/m3	40.4	7.2	9.7		09/28/19 17:27	591-78-6	
Methylene Chloride	23.2 I	ug/m3	34.2	11.7	9.7		09/28/19 17:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/m3	40.4	5.0	9.7		09/28/19 17:27	108-10-1	
Methyl-tert-butyl ether	6.4 U	ug/m3	35.5	6.4	9.7		09/28/19 17:27	1634-04-4	
Naphthalene	12.7 U	ug/m3	25.8	12.7	9.7		09/28/19 17:27	91-20-3	
2-Propanol	6.8 U	ug/m3	24.2	6.8	9.7		09/28/19 17:27	67-63-0	
Propylene	4100	ug/m3	3.4	1.4	9.7		09/28/19 17:27	115-07-1	L
Styrene	3.3 U	ug/m3	8.4	3.3	9.7		09/28/19 17:27	100-42-5	
1,1,2,2-Tetrachloroethane	3.0 U	ug/m3	13.5	3.0	9.7		09/28/19 17:27	79-34-5	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

Sample: SG-11      Lab ID: 35499815004      Collected: 09/19/19 10:02      Received: 09/23/19 08:45      Matrix: Air

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Tetrachloroethene	13.6	ug/m3	6.7	3.0	9.7		09/28/19 17:27	127-18-4	
Tetrahydrofuran	2.5 U	ug/m3	5.8	2.5	9.7		09/28/19 17:27	109-99-9	
Toluene	43.9	ug/m3	7.4	3.4	9.7		09/28/19 17:27	108-88-3	
1,2,4-Trichlorobenzene	36.1 U	ug/m3	73.1	36.1	9.7		09/28/19 17:27	120-82-1	
1,1,1-Trichloroethane	3.0 U	ug/m3	10.8	3.0	9.7		09/28/19 17:27	71-55-6	
1,1,2-Trichloroethane	2.3 U	ug/m3	5.4	2.3	9.7		09/28/19 17:27	79-00-5	
Trichloroethene	98.0	ug/m3	5.3	2.5	9.7		09/28/19 17:27	79-01-6	
Trichlorofluoromethane	31.3	ug/m3	11.1	3.6	9.7		09/28/19 17:27	75-69-4	
1,1,2-Trichlorotrifluoroethane	5.5 U	ug/m3	15.1	5.5	9.7		09/28/19 17:27	76-13-1	
1,2,4-Trimethylbenzene	33.7	ug/m3	9.7	4.4	9.7		09/28/19 17:27	95-63-6	
1,3,5-Trimethylbenzene	60.7	ug/m3	9.7	3.9	9.7		09/28/19 17:27	108-67-8	
Vinyl acetate	2.6 U	ug/m3	17.4	2.6	9.7		09/28/19 17:27	108-05-4	
Vinyl chloride	24.4	ug/m3	2.5	1.2	9.7		09/28/19 17:27	75-01-4	
m&p-Xylene	35.2	ug/m3	17.2	6.8	9.7		09/28/19 17:27	179601-23-1	
o-Xylene	33.4	ug/m3	8.6	3.3	9.7		09/28/19 17:27	95-47-6	

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR

Pace Project No.: 35499815

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**Sample: SG-12**      **Lab ID: 35499815005**      Collected: 09/19/19 10:51      Received: 09/23/19 08:45      Matrix: Air

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Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Acetone	319	ug/m3	158	79.5	65.7		09/26/19 22:41	67-64-1	
Benzene	44.2	ug/m3	21.4	10.1	65.7		09/26/19 22:41	71-43-2	
Benzyl chloride	78.8 U	ug/m3	173	78.8	65.7		09/26/19 22:41	100-44-7	
Bromodichloromethane	24.0 U	ug/m3	89.4	24.0	65.7		09/26/19 22:41	75-27-4	
Bromoform	93.3 U	ug/m3	345	93.3	65.7		09/26/19 22:41	75-25-2	
Bromomethane	14.9 U	ug/m3	51.8	14.9	65.7		09/26/19 22:41	74-83-9	
1,3-Butadiene	8.4 U	ug/m3	29.6	8.4	65.7		09/26/19 22:41	106-99-0	
2-Butanone (MEK)	24.2 U	ug/m3	197	24.2	65.7		09/26/19 22:41	78-93-3	
Carbon disulfide	259	ug/m3	41.6	14.4	65.7		09/26/19 22:41	75-15-0	
Carbon tetrachloride	28.2 U	ug/m3	84.1	28.2	65.7		09/26/19 22:41	56-23-5	
Chlorobenzene	18.1 U	ug/m3	61.5	18.1	65.7		09/26/19 22:41	108-90-7	
Chloroethane	17.1 U	ug/m3	88.1	17.1	65.7		09/26/19 22:41	75-00-3	
Chloroform	12.9 U	ug/m3	32.6	12.9	65.7		09/26/19 22:41	67-66-3	
Chloromethane	10.2 U	ug/m3	27.6	10.2	65.7		09/26/19 22:41	74-87-3	
Cyclohexane	23.2 U	ug/m3	115	23.2	65.7		09/26/19 22:41	110-82-7	
Dibromochloromethane	47.2 U	ug/m3	114	47.2	65.7		09/26/19 22:41	124-48-1	
1,2-Dibromoethane (EDB)	24.0 U	ug/m3	51.3	24.0	65.7		09/26/19 22:41	106-93-4	
1,2-Dichlorobenzene	32.7 U	ug/m3	80.2	32.7	65.7		09/26/19 22:41	95-50-1	
1,3-Dichlorobenzene	38.2 U	ug/m3	80.2	38.2	65.7		09/26/19 22:41	541-73-1	
1,4-Dichlorobenzene	65.7 U	ug/m3	201	65.7	65.7		09/26/19 22:41	106-46-7	
Dichlorodifluoromethane	19.3 U	ug/m3	66.4	19.3	65.7		09/26/19 22:41	75-71-8	
1,1-Dichloroethane	14.8 U	ug/m3	54.1	14.8	65.7		09/26/19 22:41	75-34-3	
1,2-Dichloroethane	9.9 U	ug/m3	27.0	9.9	65.7		09/26/19 22:41	107-06-2	
1,1-Dichloroethene	18.0 U	ug/m3	53.0	18.0	65.7		09/26/19 22:41	75-35-4	
cis-1,2-Dichloroethene	14.4 U	ug/m3	53.0	14.4	65.7		09/26/19 22:41	156-59-2	
trans-1,2-Dichloroethene	18.7 U	ug/m3	53.0	18.7	65.7		09/26/19 22:41	156-60-5	
1,2-Dichloropropane	15.1 U	ug/m3	61.7	15.1	65.7		09/26/19 22:41	78-87-5	
cis-1,3-Dichloropropene	20.0 U	ug/m3	60.6	20.0	65.7		09/26/19 22:41	10061-01-5	
trans-1,3-Dichloropropene	28.9 U	ug/m3	60.6	28.9	65.7		09/26/19 22:41	10061-02-6	
Dichlorotetrafluoroethane	28.7 U	ug/m3	93.3	28.7	65.7		09/26/19 22:41	76-14-2	
Ethanol	347	ug/m3	126	53.3	65.7		09/26/19 22:41	64-17-5	
Ethyl acetate	12.5 U	ug/m3	48.2	12.5	65.7		09/26/19 22:41	141-78-6	
Ethylbenzene	1720	ug/m3	58.0	20.0	65.7		09/26/19 22:41	100-41-4	
4-Ethyltoluene	267	ug/m3	164	37.4	65.7		09/26/19 22:41	622-96-8	
n-Heptane	63.3	ug/m3	54.7	25.0	65.7		09/26/19 22:41	142-82-5	
Hexachloro-1,3-butadiene	129 U	ug/m3	356	129	65.7		09/26/19 22:41	87-68-3	
n-Hexane	92.0	ug/m3	47.0	20.4	65.7		09/26/19 22:41	110-54-3	
2-Hexanone	48.9 U	ug/m3	273	48.9	65.7		09/26/19 22:41	591-78-6	
Methylene Chloride	79.5 U	ug/m3	232	79.5	65.7		09/26/19 22:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	34.0 U	ug/m3	273	34.0	65.7		09/26/19 22:41	108-10-1	
Methyl-tert-butyl ether	43.6 U	ug/m3	240	43.6	65.7		09/26/19 22:41	1634-04-4	
Naphthalene	86.1 U	ug/m3	175	86.1	65.7		09/26/19 22:41	91-20-3	
2-Propanol	45.8 U	ug/m3	164	45.8	65.7		09/26/19 22:41	67-63-0	
Propylene	892	ug/m3	23.0	9.2	65.7		09/26/19 22:41	115-07-1	
Styrene	22.6 U	ug/m3	56.9	22.6	65.7		09/26/19 22:41	100-42-5	
1,1,2,2-Tetrachloroethane	20.3 U	ug/m3	91.7	20.3	65.7		09/26/19 22:41	79-34-5	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

Sample: SG-12	Lab ID: 35499815005	Collected: 09/19/19 10:51	Received: 09/23/19 08:45	Matrix: Air					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Tetrachloroethene	<b>20.6 U</b>	ug/m3	45.3	20.6	65.7		09/26/19 22:41	127-18-4	
Tetrahydrofuran	<b>17.1 U</b>	ug/m3	39.4	17.1	65.7		09/26/19 22:41	109-99-9	
Toluene	<b>94.0</b>	ug/m3	50.3	23.1	65.7		09/26/19 22:41	108-88-3	
1,2,4-Trichlorobenzene	<b>244 U</b>	ug/m3	495	244	65.7		09/26/19 22:41	120-82-1	
1,1,1-Trichloroethane	<b>20.3 U</b>	ug/m3	72.9	20.3	65.7		09/26/19 22:41	71-55-6	
1,1,2-Trichloroethane	<b>15.9 U</b>	ug/m3	36.5	15.9	65.7		09/26/19 22:41	79-00-5	
Trichloroethene	<b>16.6 U</b>	ug/m3	35.9	16.6	65.7		09/26/19 22:41	79-01-6	
Trichlorofluoromethane	<b>24.0 U</b>	ug/m3	74.9	24.0	65.7		09/26/19 22:41	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>37.1 U</b>	ug/m3	102	37.1	65.7		09/26/19 22:41	76-13-1	
1,2,4-Trimethylbenzene	<b>638</b>	ug/m3	65.6	29.7	65.7		09/26/19 22:41	95-63-6	
1,3,5-Trimethylbenzene	<b>432</b>	ug/m3	65.6	26.2	65.7		09/26/19 22:41	108-67-8	
Vinyl acetate	<b>17.7 U</b>	ug/m3	118	17.7	65.7		09/26/19 22:41	108-05-4	
Vinyl chloride	<b>38.7</b>	ug/m3	17.1	8.3	65.7		09/26/19 22:41	75-01-4	
m&p-Xylene	<b>8010</b>	ug/m3	116	45.9	65.7		09/26/19 22:41	179601-23-1	
o-Xylene	<b>1670</b>	ug/m3	58.0	22.6	65.7		09/26/19 22:41	95-47-6	

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

Sample: SG-14	Lab ID: 35499815006	Collected: 09/19/19 11:23	Received: 09/23/19 08:45	Matrix: Air					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Acetone	130	ug/m3	50.6	25.4	21		09/28/19 17:54	67-64-1	
Benzene	164	ug/m3	6.8	3.2	21		09/28/19 17:54	71-43-2	
Benzyl chloride	25.2 U	ug/m3	55.2	25.2	21		09/28/19 17:54	100-44-7	
Bromodichloromethane	7.7 U	ug/m3	28.6	7.7	21		09/28/19 17:54	75-27-4	
Bromoform	29.8 U	ug/m3	110	29.8	21		09/28/19 17:54	75-25-2	
Bromomethane	4.8 U	ug/m3	16.6	4.8	21		09/28/19 17:54	74-83-9	
1,3-Butadiene	2.7 U	ug/m3	9.4	2.7	21		09/28/19 17:54	106-99-0	
2-Butanone (MEK)	7.7 U	ug/m3	63.0	7.7	21		09/28/19 17:54	78-93-3	
Carbon disulfide	129	ug/m3	13.3	4.6	21		09/28/19 17:54	75-15-0	
Carbon tetrachloride	9.0 U	ug/m3	26.9	9.0	21		09/28/19 17:54	56-23-5	
Chlorobenzene	5.8 U	ug/m3	19.7	5.8	21		09/28/19 17:54	108-90-7	
Chloroethane	5.5 U	ug/m3	28.2	5.5	21		09/28/19 17:54	75-00-3	
Chloroform	4.1 U	ug/m3	10.4	4.1	21		09/28/19 17:54	67-66-3	
Chloromethane	3.3 U	ug/m3	8.8	3.3	21		09/28/19 17:54	74-87-3	
Cyclohexane	7.4 U	ug/m3	36.8	7.4	21		09/28/19 17:54	110-82-7	
Dibromochloromethane	15.1 U	ug/m3	36.3	15.1	21		09/28/19 17:54	124-48-1	
1,2-Dibromoethane (EDB)	7.7 U	ug/m3	16.4	7.7	21		09/28/19 17:54	106-93-4	
1,2-Dichlorobenzene	10.5 U	ug/m3	25.6	10.5	21		09/28/19 17:54	95-50-1	
1,3-Dichlorobenzene	12.2 U	ug/m3	25.6	12.2	21		09/28/19 17:54	541-73-1	
1,4-Dichlorobenzene	21.0 U	ug/m3	64.3	21.0	21		09/28/19 17:54	106-46-7	
Dichlorodifluoromethane	6.2 U	ug/m3	21.2	6.2	21		09/28/19 17:54	75-71-8	
1,1-Dichloroethane	4.7 U	ug/m3	17.3	4.7	21		09/28/19 17:54	75-34-3	
1,2-Dichloroethane	3.2 U	ug/m3	8.6	3.2	21		09/28/19 17:54	107-06-2	
1,1-Dichloroethene	5.8 U	ug/m3	16.9	5.8	21		09/28/19 17:54	75-35-4	
cis-1,2-Dichloroethene	4.6 U	ug/m3	16.9	4.6	21		09/28/19 17:54	156-59-2	
trans-1,2-Dichloroethene	6.0 U	ug/m3	16.9	6.0	21		09/28/19 17:54	156-60-5	
1,2-Dichloropropane	4.8 U	ug/m3	19.7	4.8	21		09/28/19 17:54	78-87-5	
cis-1,3-Dichloropropene	6.4 U	ug/m3	19.4	6.4	21		09/28/19 17:54	10061-01-5	
trans-1,3-Dichloropropene	9.2 U	ug/m3	19.4	9.2	21		09/28/19 17:54	10061-02-6	
Dichlorotetrafluoroethane	9.2 U	ug/m3	29.8	9.2	21		09/28/19 17:54	76-14-2	
Ethanol	30.1 I	ug/m3	40.3	17.1	21		09/28/19 17:54	64-17-5	
Ethyl acetate	4.0 U	ug/m3	15.4	4.0	21		09/28/19 17:54	141-78-6	
Ethylbenzene	267	ug/m3	18.5	6.4	21		09/28/19 17:54	100-41-4	
4-Ethyltoluene	152	ug/m3	52.5	12.0	21		09/28/19 17:54	622-96-8	
n-Heptane	290	ug/m3	17.5	8.0	21		09/28/19 17:54	142-82-5	
Hexachloro-1,3-butadiene	41.4 U	ug/m3	114	41.4	21		09/28/19 17:54	87-68-3	
n-Hexane	724	ug/m3	15.0	6.5	21		09/28/19 17:54	110-54-3	
2-Hexanone	15.6 U	ug/m3	87.4	15.6	21		09/28/19 17:54	591-78-6	
Methylene Chloride	46.9 I	ug/m3	74.1	25.4	21		09/28/19 17:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	10.9 U	ug/m3	87.4	10.9	21		09/28/19 17:54	108-10-1	
Methyl-tert-butyl ether	13.9 U	ug/m3	76.9	13.9	21		09/28/19 17:54	1634-04-4	
Naphthalene	27.5 U	ug/m3	55.9	27.5	21		09/28/19 17:54	91-20-3	
2-Propanol	14.6 U	ug/m3	52.5	14.6	21		09/28/19 17:54	67-63-0	
Propylene	9280	ug/m3	29.4	11.8	84		09/29/19 10:17	115-07-1	L
Styrene	7.2 U	ug/m3	18.2	7.2	21		09/28/19 17:54	100-42-5	
1,1,2,2-Tetrachloroethane	6.5 U	ug/m3	29.3	6.5	21		09/28/19 17:54	79-34-5	

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

Sample: SG-14      Lab ID: 35499815006      Collected: 09/19/19 11:23      Received: 09/23/19 08:45      Matrix: Air

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Tetrachloroethene	<b>1220</b>	ug/m3	14.5	6.6	21		09/28/19 17:54	127-18-4	
Tetrahydrofuran	<b>5.5 U</b>	ug/m3	12.6	5.5	21		09/28/19 17:54	109-99-9	
Toluene	<b>137</b>	ug/m3	16.1	7.4	21		09/28/19 17:54	108-88-3	
1,2,4-Trichlorobenzene	<b>78.1 U</b>	ug/m3	158	78.1	21		09/28/19 17:54	120-82-1	
1,1,1-Trichloroethane	<b>6.5 U</b>	ug/m3	23.3	6.5	21		09/28/19 17:54	71-55-6	
1,1,2-Trichloroethane	<b>5.1 U</b>	ug/m3	11.7	5.1	21		09/28/19 17:54	79-00-5	
Trichloroethene	<b>104</b>	ug/m3	11.5	5.3	21		09/28/19 17:54	79-01-6	
Trichlorofluoromethane	<b>69.5</b>	ug/m3	23.9	7.7	21		09/28/19 17:54	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>24.4 I</b>	ug/m3	32.8	11.8	21		09/28/19 17:54	76-13-1	
1,2,4-Trimethylbenzene	<b>604</b>	ug/m3	21.0	9.5	21		09/28/19 17:54	95-63-6	
1,3,5-Trimethylbenzene	<b>413</b>	ug/m3	21.0	8.4	21		09/28/19 17:54	108-67-8	
Vinyl acetate	<b>5.7 U</b>	ug/m3	37.6	5.7	21		09/28/19 17:54	108-05-4	
Vinyl chloride	<b>2.6 U</b>	ug/m3	5.5	2.6	21		09/28/19 17:54	75-01-4	
m&p-Xylene	<b>1020</b>	ug/m3	37.2	14.7	21		09/28/19 17:54	179601-23-1	
o-Xylene	<b>328</b>	ug/m3	18.5	7.2	21		09/28/19 17:54	95-47-6	

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

Sample: SG-17	Lab ID: 35499815007	Collected: 09/19/19 12:08	Received: 09/23/19 08:45	Matrix: Air					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Acetone	318 U	ug/m3	633	318	262.8		09/27/19 00:02	67-64-1	
Benzene	1060	ug/m3	85.4	40.2	262.8		09/27/19 00:02	71-43-2	
Benzyl chloride	315 U	ug/m3	691	315	262.8		09/27/19 00:02	100-44-7	
Bromodichloromethane	96.2 U	ug/m3	357	96.2	262.8		09/27/19 00:02	75-27-4	
Bromoform	373 U	ug/m3	1380	373	262.8		09/27/19 00:02	75-25-2	
Bromomethane	59.7 U	ug/m3	207	59.7	262.8		09/27/19 00:02	74-83-9	
1,3-Butadiene	33.6 U	ug/m3	118	33.6	262.8		09/27/19 00:02	106-99-0	
2-Butanone (MEK)	97.0 U	ug/m3	788	97.0	262.8		09/27/19 00:02	78-93-3	
Carbon disulfide	179	ug/m3	166	57.6	262.8		09/27/19 00:02	75-15-0	
Carbon tetrachloride	113 U	ug/m3	336	113	262.8		09/27/19 00:02	56-23-5	
Chlorobenzene	72.3 U	ug/m3	246	72.3	262.8		09/27/19 00:02	108-90-7	
Chloroethane	68.3 U	ug/m3	352	68.3	262.8		09/27/19 00:02	75-00-3	
Chloroform	51.5 U	ug/m3	130	51.5	262.8		09/27/19 00:02	67-66-3	
Chloromethane	41.0 U	ug/m3	110	41.0	262.8		09/27/19 00:02	74-87-3	
Cyclohexane	92.8 U	ug/m3	460	92.8	262.8		09/27/19 00:02	110-82-7	
Dibromochloromethane	189 U	ug/m3	455	189	262.8		09/27/19 00:02	124-48-1	
1,2-Dibromoethane (EDB)	96.2 U	ug/m3	205	96.2	262.8		09/27/19 00:02	106-93-4	
1,2-Dichlorobenzene	131 U	ug/m3	321	131	262.8		09/27/19 00:02	95-50-1	
1,3-Dichlorobenzene	153 U	ug/m3	321	153	262.8		09/27/19 00:02	541-73-1	
1,4-Dichlorobenzene	263 U	ug/m3	804	263	262.8		09/27/19 00:02	106-46-7	
Dichlorodifluoromethane	77.0 U	ug/m3	265	77.0	262.8		09/27/19 00:02	75-71-8	
1,1-Dichloroethane	59.1 U	ug/m3	216	59.1	262.8		09/27/19 00:02	75-34-3	
1,2-Dichloroethane	39.4 U	ug/m3	108	39.4	262.8		09/27/19 00:02	107-06-2	
1,1-Dichloroethene	72.0 U	ug/m3	212	72.0	262.8		09/27/19 00:02	75-35-4	
cis-1,2-Dichloroethene	57.6 U	ug/m3	212	57.6	262.8		09/27/19 00:02	156-59-2	
trans-1,2-Dichloroethene	74.9 U	ug/m3	212	74.9	262.8		09/27/19 00:02	156-60-5	
1,2-Dichloropropane	60.4 U	ug/m3	247	60.4	262.8		09/27/19 00:02	78-87-5	
cis-1,3-Dichloropropene	79.9 U	ug/m3	243	79.9	262.8		09/27/19 00:02	10061-01-5	
trans-1,3-Dichloropropene	116 U	ug/m3	243	116	262.8		09/27/19 00:02	10061-02-6	
Dichlorotetrafluoroethane	115 U	ug/m3	373	115	262.8		09/27/19 00:02	76-14-2	
Ethanol	213 U	ug/m3	505	213	262.8		09/27/19 00:02	64-17-5	
Ethyl acetate	49.9 U	ug/m3	193	49.9	262.8		09/27/19 00:02	141-78-6	
Ethylbenzene	7520	ug/m3	232	80.2	262.8		09/27/19 00:02	100-41-4	
4-Ethyltoluene	1270	ug/m3	657	150	262.8		09/27/19 00:02	622-96-8	
n-Heptane	210 I	ug/m3	219	99.9	262.8		09/27/19 00:02	142-82-5	
Hexachloro-1,3-butadiene	518 U	ug/m3	1420	518	262.8		09/27/19 00:02	87-68-3	
n-Hexane	536	ug/m3	188	81.7	262.8		09/27/19 00:02	110-54-3	
2-Hexanone	196 U	ug/m3	1090	196	262.8		09/27/19 00:02	591-78-6	
Methylene Chloride	318 U	ug/m3	928	318	262.8		09/27/19 00:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	136 U	ug/m3	1090	136	262.8		09/27/19 00:02	108-10-1	
Methyl-tert-butyl ether	174 U	ug/m3	962	174	262.8		09/27/19 00:02	1634-04-4	
Naphthalene	344 U	ug/m3	699	344	262.8		09/27/19 00:02	91-20-3	
2-Propanol	183 U	ug/m3	657	183	262.8		09/27/19 00:02	67-63-0	
Propylene	10500	ug/m3	92.0	36.8	262.8		09/27/19 00:02	115-07-1	
Styrene	90.4 U	ug/m3	228	90.4	262.8		09/27/19 00:02	100-42-5	
1,1,2,2-Tetrachloroethane	81.2 U	ug/m3	367	81.2	262.8		09/27/19 00:02	79-34-5	

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

Sample: SG-17      Lab ID: 35499815007      Collected: 09/19/19 12:08      Received: 09/23/19 08:45      Matrix: Air

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Tetrachloroethene	136 I	ug/m3	181	82.5	262.8		09/27/19 00:02	127-18-4	
Tetrahydrofuran	68.6 U	ug/m3	158	68.6	262.8		09/27/19 00:02	109-99-9	
Toluene	364	ug/m3	201	92.2	262.8		09/27/19 00:02	108-88-3	
1,2,4-Trichlorobenzene	978 U	ug/m3	1980	978	262.8		09/27/19 00:02	120-82-1	
1,1,1-Trichloroethane	81.2 U	ug/m3	292	81.2	262.8		09/27/19 00:02	71-55-6	
1,1,2-Trichloroethane	63.6 U	ug/m3	146	63.6	262.8		09/27/19 00:02	79-00-5	
Trichloroethene	116 I	ug/m3	143	66.5	262.8		09/27/19 00:02	79-01-6	
Trichlorofluoromethane	96.2 U	ug/m3	300	96.2	262.8		09/27/19 00:02	75-69-4	
1,1,2-Trichlorotrifluoroethane	148 U	ug/m3	410	148	262.8		09/27/19 00:02	76-13-1	
1,2,4-Trimethylbenzene	1460	ug/m3	263	119	262.8		09/27/19 00:02	95-63-6	
1,3,5-Trimethylbenzene	1090	ug/m3	263	105	262.8		09/27/19 00:02	108-67-8	
Vinyl acetate	71.0 U	ug/m3	470	71.0	262.8		09/27/19 00:02	108-05-4	
Vinyl chloride	33.1 U	ug/m3	68.3	33.1	262.8		09/27/19 00:02	75-01-4	
m&p-Xylene	24900	ug/m3	465	184	262.8		09/27/19 00:02	179601-23-1	
o-Xylene	4620	ug/m3	232	90.4	262.8		09/27/19 00:02	95-47-6	

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR

Pace Project No.: 35499815

Sample: SS-2	Lab ID: 35499815008	Collected: 09/19/19 14:04	Received: 09/23/19 08:45	Matrix: Air					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Acetone	337	ug/m3	5.8	2.9	2.4		09/26/19 21:18	67-64-1	
Benzene	4.0	ug/m3	0.78	0.37	2.4		09/26/19 21:18	71-43-2	
Benzyl chloride	2.9 U	ug/m3	6.3	2.9	2.4		09/26/19 21:18	100-44-7	
Bromodichloromethane	3.2 I	ug/m3	3.3	0.88	2.4		09/26/19 21:18	75-27-4	
Bromoform	3.4 U	ug/m3	12.6	3.4	2.4		09/26/19 21:18	75-25-2	
Bromomethane	0.54 U	ug/m3	1.9	0.54	2.4		09/26/19 21:18	74-83-9	
1,3-Butadiene	0.31 U	ug/m3	1.1	0.31	2.4		09/26/19 21:18	106-99-0	
2-Butanone (MEK)	89.6	ug/m3	7.2	0.89	2.4		09/26/19 21:18	78-93-3	
Carbon disulfide	4.0	ug/m3	1.5	0.53	2.4		09/26/19 21:18	75-15-0	
Carbon tetrachloride	1.0 U	ug/m3	3.1	1.0	2.4		09/26/19 21:18	56-23-5	
Chlorobenzene	0.66 U	ug/m3	2.2	0.66	2.4		09/26/19 21:18	108-90-7	
Chloroethane	0.62 U	ug/m3	3.2	0.62	2.4		09/26/19 21:18	75-00-3	
Chloroform	12.4	ug/m3	1.2	0.47	2.4		09/26/19 21:18	67-66-3	
Chloromethane	2.3	ug/m3	1.0	0.37	2.4		09/26/19 21:18	74-87-3	
Cyclohexane	5.5	ug/m3	4.2	0.85	2.4		09/26/19 21:18	110-82-7	
Dibromochloromethane	1.7 U	ug/m3	4.2	1.7	2.4		09/26/19 21:18	124-48-1	
1,2-Dibromoethane (EDB)	0.88 U	ug/m3	1.9	0.88	2.4		09/26/19 21:18	106-93-4	
1,2-Dichlorobenzene	1.2 U	ug/m3	2.9	1.2	2.4		09/26/19 21:18	95-50-1	
1,3-Dichlorobenzene	1.4 U	ug/m3	2.9	1.4	2.4		09/26/19 21:18	541-73-1	
1,4-Dichlorobenzene	2.4 U	ug/m3	7.3	2.4	2.4		09/26/19 21:18	106-46-7	
Dichlorodifluoromethane	2.0 I	ug/m3	2.4	0.70	2.4		09/26/19 21:18	75-71-8	
1,1-Dichloroethane	0.54 U	ug/m3	2.0	0.54	2.4		09/26/19 21:18	75-34-3	
1,2-Dichloroethane	3.9	ug/m3	0.99	0.36	2.4		09/26/19 21:18	107-06-2	
1,1-Dichloroethene	0.66 U	ug/m3	1.9	0.66	2.4		09/26/19 21:18	75-35-4	
cis-1,2-Dichloroethene	0.53 U	ug/m3	1.9	0.53	2.4		09/26/19 21:18	156-59-2	
trans-1,2-Dichloroethene	0.68 U	ug/m3	1.9	0.68	2.4		09/26/19 21:18	156-60-5	
1,2-Dichloropropane	0.55 U	ug/m3	2.3	0.55	2.4		09/26/19 21:18	78-87-5	
cis-1,3-Dichloropropene	0.73 U	ug/m3	2.2	0.73	2.4		09/26/19 21:18	10061-01-5	
trans-1,3-Dichloropropene	1.1 U	ug/m3	2.2	1.1	2.4		09/26/19 21:18	10061-02-6	
Dichlorotetrafluoroethane	1.0 U	ug/m3	3.4	1.0	2.4		09/26/19 21:18	76-14-2	
Ethanol	96.9	ug/m3	4.6	1.9	2.4		09/26/19 21:18	64-17-5	
Ethyl acetate	193	ug/m3	1.8	0.46	2.4		09/26/19 21:18	141-78-6	
Ethylbenzene	81.0	ug/m3	2.1	0.73	2.4		09/26/19 21:18	100-41-4	
4-Ethyltoluene	3.5 I	ug/m3	6.0	1.4	2.4		09/26/19 21:18	622-96-8	
n-Heptane	5.7	ug/m3	2.0	0.91	2.4		09/26/19 21:18	142-82-5	
Hexachloro-1,3-butadiene	4.7 U	ug/m3	13.0	4.7	2.4		09/26/19 21:18	87-68-3	
n-Hexane	11.2	ug/m3	1.7	0.75	2.4		09/26/19 21:18	110-54-3	
2-Hexanone	15.0	ug/m3	10	1.8	2.4		09/26/19 21:18	591-78-6	
Methylene Chloride	66.3	ug/m3	8.5	2.9	2.4		09/26/19 21:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.9 I	ug/m3	10	1.2	2.4		09/26/19 21:18	108-10-1	
Methyl-tert-butyl ether	1.6 U	ug/m3	8.8	1.6	2.4		09/26/19 21:18	1634-04-4	
Naphthalene	8.4	ug/m3	6.4	3.1	2.4		09/26/19 21:18	91-20-3	
2-Propanol	59.9	ug/m3	6.0	1.7	2.4		09/26/19 21:18	67-63-0	
Propylene	0.34 U	ug/m3	0.84	0.34	2.4		09/26/19 21:18	115-07-1	
Styrene	0.83 U	ug/m3	2.1	0.83	2.4		09/26/19 21:18	100-42-5	
1,1,2,2-Tetrachloroethane	0.74 U	ug/m3	3.4	0.74	2.4		09/26/19 21:18	79-34-5	

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR

Pace Project No.: 35499815

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**Sample: SS-2**      **Lab ID: 35499815008**      Collected: 09/19/19 14:04      Received: 09/23/19 08:45      Matrix: Air

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Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Tetrachloroethene	<b>16.9</b>	ug/m3	1.7	0.75	2.4		09/26/19 21:18	127-18-4	
Tetrahydrofuran	<b>19.5</b>	ug/m3	1.4	0.63	2.4		09/26/19 21:18	109-99-9	
Toluene	<b>56.5</b>	ug/m3	1.8	0.84	2.4		09/26/19 21:18	108-88-3	
1,2,4-Trichlorobenzene	<b>8.9 U</b>	ug/m3	18.1	8.9	2.4		09/26/19 21:18	120-82-1	
1,1,1-Trichloroethane	<b>0.74 U</b>	ug/m3	2.7	0.74	2.4		09/26/19 21:18	71-55-6	
1,1,2-Trichloroethane	<b>0.58 U</b>	ug/m3	1.3	0.58	2.4		09/26/19 21:18	79-00-5	
Trichloroethene	<b>12.2</b>	ug/m3	1.3	0.61	2.4		09/26/19 21:18	79-01-6	
Trichlorofluoromethane	<b>1.2 I</b>	ug/m3	2.7	0.88	2.4		09/26/19 21:18	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>1.4 U</b>	ug/m3	3.7	1.4	2.4		09/26/19 21:18	76-13-1	
1,2,4-Trimethylbenzene	<b>11.7</b>	ug/m3	2.4	1.1	2.4		09/26/19 21:18	95-63-6	
1,3,5-Trimethylbenzene	<b>0.96 U</b>	ug/m3	2.4	0.96	2.4		09/26/19 21:18	108-67-8	
Vinyl acetate	<b>0.65 U</b>	ug/m3	4.3	0.65	2.4		09/26/19 21:18	108-05-4	
Vinyl chloride	<b>0.30 U</b>	ug/m3	0.62	0.30	2.4		09/26/19 21:18	75-01-4	
m&p-Xylene	<b>316</b>	ug/m3	4.2	1.7	2.4		09/26/19 21:18	179601-23-1	
o-Xylene	<b>89.1</b>	ug/m3	2.1	0.83	2.4		09/26/19 21:18	95-47-6	

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR

Pace Project No.: 35499815

QC Batch:	634731	Analysis Method:	TO-15
QC Batch Method:	TO-15	Analysis Description:	TO15 MSV AIR Low Level
Associated Lab Samples:	35499815002, 35499815003, 35499815005, 35499815007, 35499815008		

METHOD BLANK: 3421024                          Matrix: Air

Associated Lab Samples: 35499815002, 35499815003, 35499815005, 35499815007, 35499815008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	0.15 U	0.56	0.15	09/26/19 08:22	
1,1,2,2-Tetrachloroethane	ug/m3	0.15 U	0.70	0.15	09/26/19 08:22	
1,1,2-Trichloroethane	ug/m3	0.12 U	0.28	0.12	09/26/19 08:22	
1,1,2-Trichlorotrifluoroethane	ug/m3	0.28 U	0.78	0.28	09/26/19 08:22	
1,1-Dichloroethane	ug/m3	0.11 U	0.41	0.11	09/26/19 08:22	
1,1-Dichloroethene	ug/m3	0.14 U	0.40	0.14	09/26/19 08:22	
1,2,4-Trichlorobenzene	ug/m3	1.9 U	3.8	1.9	09/26/19 08:22	
1,2,4-Trimethylbenzene	ug/m3	0.23 U	0.50	0.23	09/26/19 08:22	
1,2-Dibromoethane (EDB)	ug/m3	0.18 U	0.39	0.18	09/26/19 08:22	
1,2-Dichlorobenzene	ug/m3	0.25 U	0.61	0.25	09/26/19 08:22	
1,2-Dichloroethane	ug/m3	0.075 U	0.21	0.075	09/26/19 08:22	
1,2-Dichloropropane	ug/m3	0.12 U	0.47	0.12	09/26/19 08:22	
1,3,5-Trimethylbenzene	ug/m3	0.20 U	0.50	0.20	09/26/19 08:22	
1,3-Butadiene	ug/m3	0.064 U	0.22	0.064	09/26/19 08:22	
1,3-Dichlorobenzene	ug/m3	0.29 U	0.61	0.29	09/26/19 08:22	
1,4-Dichlorobenzene	ug/m3	0.50 U	1.5	0.50	09/26/19 08:22	
2-Butanone (MEK)	ug/m3	0.18 U	1.5	0.18	09/26/19 08:22	
2-Hexanone	ug/m3	0.37 U	2.1	0.37	09/26/19 08:22	
2-Propanol	ug/m3	0.35 U	1.2	0.35	09/26/19 08:22	
4-Ethyltoluene	ug/m3	0.28 U	1.2	0.28	09/26/19 08:22	
4-Methyl-2-pentanone (MIBK)	ug/m3	0.26 U	2.1	0.26	09/26/19 08:22	
Acetone	ug/m3	0.60 U	1.2	0.60	09/26/19 08:22	
Benzene	ug/m3	0.076 U	0.16	0.076	09/26/19 08:22	
Benzyl chloride	ug/m3	0.60 U	1.3	0.60	09/26/19 08:22	
Bromodichloromethane	ug/m3	0.18 U	0.68	0.18	09/26/19 08:22	
Bromoform	ug/m3	0.71 U	2.6	0.71	09/26/19 08:22	
Bromomethane	ug/m3	0.11 U	0.39	0.11	09/26/19 08:22	
Carbon disulfide	ug/m3	0.11 U	0.32	0.11	09/26/19 08:22	
Carbon tetrachloride	ug/m3	0.21 U	0.64	0.21	09/26/19 08:22	
Chlorobenzene	ug/m3	0.14 U	0.47	0.14	09/26/19 08:22	
Chloroethane	ug/m3	0.13 U	0.67	0.13	09/26/19 08:22	
Chloroform	ug/m3	0.098 U	0.25	0.098	09/26/19 08:22	
Chloromethane	ug/m3	0.078 U	0.21	0.078	09/26/19 08:22	
cis-1,2-Dichloroethene	ug/m3	0.11 U	0.40	0.11	09/26/19 08:22	
cis-1,3-Dichloropropene	ug/m3	0.15 U	0.46	0.15	09/26/19 08:22	
Cyclohexane	ug/m3	0.18 U	0.88	0.18	09/26/19 08:22	
Dibromochloromethane	ug/m3	0.36 U	0.86	0.36	09/26/19 08:22	
Dichlorodifluoromethane	ug/m3	0.15 U	0.50	0.15	09/26/19 08:22	
Dichlorotetrafluoroethane	ug/m3	0.22 U	0.71	0.22	09/26/19 08:22	
Ethanol	ug/m3	0.41 U	0.96	0.41	09/26/19 08:22	
Ethyl acetate	ug/m3	0.095 U	0.37	0.095	09/26/19 08:22	

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815008

METHOD BLANK: 3421024                          Matrix: Air  
Associated Lab Samples: 35499815002, 35499815003, 35499815005, 35499815007, 35499815008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/m3	0.15 U	0.44	0.15	09/26/19 08:22	
Hexachloro-1,3-butadiene	ug/m3	0.98 U	2.7	0.98	09/26/19 08:22	
m&p-Xylene	ug/m3	0.35 U	0.88	0.35	09/26/19 08:22	
Methyl-tert-butyl ether	ug/m3	0.33 U	1.8	0.33	09/26/19 08:22	
Methylene Chloride	ug/m3	0.60 U	1.8	0.60	09/26/19 08:22	
n-Heptane	ug/m3	0.19 U	0.42	0.19	09/26/19 08:22	
n-Hexane	ug/m3	0.16 U	0.36	0.16	09/26/19 08:22	
Naphthalene	ug/m3	0.66 U	1.3	0.66	09/26/19 08:22	
o-Xylene	ug/m3	0.17 U	0.44	0.17	09/26/19 08:22	
Propylene	ug/m3	0.070 U	0.18	0.070	09/26/19 08:22	
Styrene	ug/m3	0.17 U	0.43	0.17	09/26/19 08:22	
Tetrachloroethene	ug/m3	0.16 U	0.34	0.16	09/26/19 08:22	
Tetrahydrofuran	ug/m3	0.13 U	0.30	0.13	09/26/19 08:22	
Toluene	ug/m3	0.18 U	0.38	0.18	09/26/19 08:22	
trans-1,2-Dichloroethene	ug/m3	0.14 U	0.40	0.14	09/26/19 08:22	
trans-1,3-Dichloropropene	ug/m3	0.22 U	0.46	0.22	09/26/19 08:22	
Trichloroethene	ug/m3	0.13 U	0.27	0.13	09/26/19 08:22	
Trichlorofluoromethane	ug/m3	0.18 U	0.57	0.18	09/26/19 08:22	
Vinyl acetate	ug/m3	0.14 U	0.89	0.14	09/26/19 08:22	
Vinyl chloride	ug/m3	0.063 U	0.13	0.063	09/26/19 08:22	

LABORATORY CONTROL SAMPLE: 3421025

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	59.1	107	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	69.0	99	70-132	
1,1,2-Trichloroethane	ug/m3	55.5	54.9	99	70-130	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	83.2	107	70-130	
1,1-Dichloroethane	ug/m3	41.1	43.9	107	70-130	
1,1-Dichloroethene	ug/m3	40.3	42.1	105	70-130	
1,2,4-Trichlorobenzene	ug/m3	75.4	68.3	91	56-130	
1,2,4-Trimethylbenzene	ug/m3	50	48.3	97	70-134	
1,2-Dibromoethane (EDB)	ug/m3	78.1	77.4	99	70-130	
1,2-Dichlorobenzene	ug/m3	61.1	57.7	94	70-132	
1,2-Dichloroethane	ug/m3	41.1	40.9	99	70-130	
1,2-Dichloropropane	ug/m3	47	52.8	112	70-130	
1,3,5-Trimethylbenzene	ug/m3	50	47.9	96	70-132	
1,3-Butadiene	ug/m3	22.5	26.0	116	65-130	
1,3-Dichlorobenzene	ug/m3	61.1	70.8	116	70-137	
1,4-Dichlorobenzene	ug/m3	61.1	56.1	92	70-134	
2-Butanone (MEK)	ug/m3	30	32.1	107	70-130	
2-Hexanone	ug/m3	41.6	41.8	100	70-135	
2-Propanol	ug/m3	125	130	104	68-130	
4-Ethyltoluene	ug/m3	50	49.1	98	70-138	

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR

Pace Project No.: 35499815

LABORATORY CONTROL SAMPLE: 3421025

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	41.6	46.0	110	70-131	
Acetone	ug/m3	121	104	87	67-130	
Benzene	ug/m3	32.5	34.7	107	70-130	
Benzyl chloride	ug/m3	52.6	47.9	91	70-130	
Bromodichloromethane	ug/m3	68.1	74.8	110	70-130	
Bromoform	ug/m3	105	100	95	70-132	
Bromomethane	ug/m3	39.5	42.3	107	69-130	
Carbon disulfide	ug/m3	31.6	34.3	108	56-137	
Carbon tetrachloride	ug/m3	64	63.5	99	66-131	
Chlorobenzene	ug/m3	46.8	50.9	109	70-130	
Chloroethane	ug/m3	26.8	32.3	120	70-130	
Chloroform	ug/m3	49.6	51.9	105	70-130	
Chloromethane	ug/m3	21	22.3	106	66-130	
cis-1,2-Dichloroethene	ug/m3	40.3	45.4	113	70-130	
cis-1,3-Dichloropropene	ug/m3	46.1	54.6	118	70-133	
Cyclohexane	ug/m3	35	40.4	115	68-132	
Dibromochloromethane	ug/m3	86.6	106	122	70-130	
Dichlorodifluoromethane	ug/m3	50.3	49.7	99	70-130	
Dichlorotetrafluoroethane	ug/m3	71	76.9	108	70-130	
Ethanol	ug/m3	95.8	93.3	97	68-133	
Ethyl acetate	ug/m3	36.6	41.2	112	69-130	
Ethylbenzene	ug/m3	44.1	52.7	119	67-131	
Hexachloro-1,3-butadiene	ug/m3	108	98.4	91	66-137	
m&p-Xylene	ug/m3	88.3	105	119	70-132	
Methyl-tert-butyl ether	ug/m3	36.6	39.3	107	70-130	
Methylene Chloride	ug/m3	177	179	102	65-130	
n-Heptane	ug/m3	41.7	45.0	108	65-130	
n-Hexane	ug/m3	35.8	40.3	113	66-130	
Naphthalene	ug/m3	53.3	48.1	90	56-130	
o-Xylene	ug/m3	44.1	52.1	118	70-130	
Propylene	ug/m3	17.5	17.7	101	67-130	
Styrene	ug/m3	43.3	43.4	100	69-136	
Tetrachloroethene	ug/m3	68.9	70.3	102	70-130	
Tetrahydrofuran	ug/m3	30	33.2	111	68-131	
Toluene	ug/m3	38.3	44.1	115	70-130	
trans-1,2-Dichloroethene	ug/m3	40.3	44.2	110	70-130	
trans-1,3-Dichloropropene	ug/m3	46.1	46.0	100	70-134	
Trichloroethene	ug/m3	54.6	55.8	102	70-130	
Trichlorofluoromethane	ug/m3	57.1	56.4	99	65-130	
Vinyl acetate	ug/m3	35.8	36.3	101	61-133	
Vinyl chloride	ug/m3	26	27.8	107	70-130	

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

SAMPLE DUPLICATE: 3422375

Parameter	Units	10492553001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.45	0.45 U		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.45	0.45 U		25	
1,1,2-Trichloroethane	ug/m3	<0.35	0.35 U		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.82	0.82 U		25	
1,1-Dichloroethane	ug/m3	<0.33	0.33 U		25	
1,1-Dichloroethene	ug/m3	<0.40	0.40 U		25	
1,2,4-Trichlorobenzene	ug/m3	<5.4	5.4 U		25	
1,2,4-Trimethylbenzene	ug/m3	2.6	2.7	1	25	
1,2-Dibromoethane (EDB)	ug/m3	<0.53	0.53 U		25	
1,2-Dichlorobenzene	ug/m3	<0.73	0.73 U		25	
1,2-Dichloroethane	ug/m3	<0.22	0.22 U		25	
1,2-Dichloropropane	ug/m3	<0.34	0.34 U		25	
1,3,5-Trimethylbenzene	ug/m3	<0.58	1.6		25	
1,3-Butadiene	ug/m3	<0.19	0.19 U		25	
1,3-Dichlorobenzene	ug/m3	<0.85	0.85 U		25	
1,4-Dichlorobenzene	ug/m3	<1.5	1.5 U		25	
2-Butanone (MEK)	ug/m3	<0.54	0.54 U		25	
2-Hexanone	ug/m3	<1.1	1.1 U		25	
2-Propanol	ug/m3	6.2	6.3	1	25	
4-Ethyltoluene	ug/m3	<0.83	0.83 U		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	1.3 l	1.2 l		25	
Acetone	ug/m3	19.3	19.9	3	25	
Benzene	ug/m3	0.87	0.93	7	25	
Benzyl chloride	ug/m3	<1.8	1.8 U		25	
Bromodichloromethane	ug/m3	<0.53	0.53 U		25	
Bromoform	ug/m3	<2.1	2.1 U		25	
Bromomethane	ug/m3	<0.33	0.33 U		25	
Carbon disulfide	ug/m3	1.1	1.3	18	25	
Carbon tetrachloride	ug/m3	<0.63	0.63 U		25	
Chlorobenzene	ug/m3	<0.40	0.40 U		25	
Chloroethane	ug/m3	<0.38	0.38 U		25	
Chloroform	ug/m3	<0.29	0.29 U		25	
Chloromethane	ug/m3	1.1	1.1	5	25	
cis-1,2-Dichloroethene	ug/m3	<0.32	0.32 U		25	
cis-1,3-Dichloropropene	ug/m3	<0.44	0.44 U		25	
Cyclohexane	ug/m3	<0.52	0.52 U		25	
Dibromochloromethane	ug/m3	<1.0	1.0 U		25	
Dichlorodifluoromethane	ug/m3	5.3	5.0	5	25	
Dichlorotetrafluoroethane	ug/m3	<0.64	0.64 U		25	
Ethanol	ug/m3	29.9	31.8	6	25	
Ethyl acetate	ug/m3	<0.28	0.47 l		25	
Ethylbenzene	ug/m3	1.3 l	1.1 l		25	
Hexachloro-1,3-butadiene	ug/m3	<2.9	2.9 U		25	
m&p-Xylene	ug/m3	4.8	4.5	7	25	
Methyl-tert-butyl ether	ug/m3	<0.97	0.97 U		25	
Methylene Chloride	ug/m3	3.7 l	4.0 l		25	
n-Heptane	ug/m3	1.2 l	1.2		25	

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

SAMPLE DUPLICATE: 3422375

Parameter	Units	10492553001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	1.5	1.5	1	25	
Naphthalene	ug/m3	4.0	3.8 I		25	
o-Xylene	ug/m3	1.6	1.5	4	25	
Propylene	ug/m3	<0.20	0.20 U		25	
Styrene	ug/m3	1.7	1.6	5	25	
Tetrachloroethene	ug/m3	1.2	0.91 I		25	
Tetrahydrofuran	ug/m3	<0.38	0.38 U		25	
Toluene	ug/m3	9.5	9.6	1	25	
trans-1,2-Dichloroethene	ug/m3	<0.42	0.42 U		25	
trans-1,3-Dichloropropene	ug/m3	<0.64	0.64 U		25	
Trichloroethene	ug/m3	0.62 I	0.40 I		25	
Trichlorofluoromethane	ug/m3	7.6	8.1	5	25	
Vinyl acetate	ug/m3	<0.39	0.39 U		25	
Vinyl chloride	ug/m3	<0.18	0.18 U		25	

SAMPLE DUPLICATE: 3422376

Parameter	Units	10492553004 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.44	0.44 U		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.44	0.44 U		25	
1,1,2-Trichloroethane	ug/m3	<0.34	0.34 U		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.80	0.80 U		25	
1,1-Dichloroethane	ug/m3	<0.32	0.32 U		25	
1,1-Dichloroethene	ug/m3	<0.39	0.39 U		25	
1,2,4-Trichlorobenzene	ug/m3	<5.2	5.2 U		25	
1,2,4-Trimethylbenzene	ug/m3	1.6	1.6	5	25	
1,2-Dibromoethane (EDB)	ug/m3	<0.52	0.52 U		25	
1,2-Dichlorobenzene	ug/m3	<0.70	0.70 U		25	
1,2-Dichloroethane	ug/m3	<0.21	0.21 U		25	
1,2-Dichloropropane	ug/m3	<0.32	0.32 U		25	
1,3,5-Trimethylbenzene	ug/m3	<0.56	0.56 U		25	
1,3-Butadiene	ug/m3	<0.18	0.18 U		25	
1,3-Dichlorobenzene	ug/m3	<0.82	0.82 U		25	
1,4-Dichlorobenzene	ug/m3	<1.4	1.4 U		25	
2-Butanone (MEK)	ug/m3	<0.52	0.52 U		25	
2-Hexanone	ug/m3	<1.1	1.1 U		25	
2-Propanol	ug/m3	25.0	25.2	1	25	
4-Ethyltoluene	ug/m3	<0.80	0.80 U		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.73	0.73 U		25	
Acetone	ug/m3	16.6	16.7	1	25	
Benzene	ug/m3	1.3	1.4	5	25	
Benzyl chloride	ug/m3	<1.7	1.7 U		25	
Bromodichloromethane	ug/m3	<0.52	0.52 U		25	
Bromoform	ug/m3	<2.0	2.0 U		25	
Bromomethane	ug/m3	<0.32	0.32 U		25	

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

SAMPLE DUPLICATE: 3422376

Parameter	Units	10492553004 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	<0.31	0.31 U		25	
Carbon tetrachloride	ug/m3	<0.60	0.60 U		25	
Chlorobenzene	ug/m3	<0.39	0.39 U		25	
Chloroethane	ug/m3	<0.37	0.37 U		25	
Chloroform	ug/m3	<0.28	0.28 U		25	
Chloromethane	ug/m3	1.1	1.2	2	25	
cis-1,2-Dichloroethene	ug/m3	<0.31	0.31 U		25	
cis-1,3-Dichloropropene	ug/m3	<0.43	0.43 U		25	
Cyclohexane	ug/m3	<0.50	0.50 U		25	
Dibromochloromethane	ug/m3	<1.0	1.0 U		25	
Dichlorodifluoromethane	ug/m3	2.2	2.1	6	25	
Dichlorotetrafluoroethane	ug/m3	<0.62	0.62 U		25	
Ethanol	ug/m3	10.7	11.3	6	25	
Ethyl acetate	ug/m3	<0.27	0.27 U		25	
Ethylbenzene	ug/m3	0.79 I	0.69 I		25	
Hexachloro-1,3-butadiene	ug/m3	<2.8	2.8 U		25	
m&p-Xylene	ug/m3	3.0	3.0	0	25	
Methyl-tert-butyl ether	ug/m3	<0.93	0.93 U		25	
Methylene Chloride	ug/m3	2.4 I	2.8 I		25	
n-Heptane	ug/m3	<0.54	1.3		25	
n-Hexane	ug/m3	1.8	1.8	1	25	
Naphthalene	ug/m3	3.5 I	3.4 I		25	
o-Xylene	ug/m3	0.95 I	1.0 I		25	
Propylene	ug/m3	<0.20	0.20 U		25	
Styrene	ug/m3	1.7	1.8	7	25	
Tetrachloroethene	ug/m3	0.86 I	0.83 I		25	
Tetrahydrofuran	ug/m3	<0.37	0.37 U		25	
Toluene	ug/m3	4.2	4.4	3	25	
trans-1,2-Dichloroethene	ug/m3	<0.40	0.40 U		25	
trans-1,3-Dichloropropene	ug/m3	<0.62	0.62 U		25	
Trichloroethene	ug/m3	<0.36	0.36 U		25	
Trichlorofluoromethane	ug/m3	1.2 I	1.3 I		25	
Vinyl acetate	ug/m3	<0.38	0.38 U		25	
Vinyl chloride	ug/m3	<0.18	0.18 U		25	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR

Pace Project No.: 35499815

QC Batch: 635197

Analysis Method: TO-15

QC Batch Method: TO-15

Analysis Description: TO15 MSV AIR Low Level

Associated Lab Samples: 35499815001, 35499815004, 35499815006

METHOD BLANK: 3423911

Matrix: Air

Associated Lab Samples: 35499815001, 35499815004, 35499815006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	0.15 U	0.56	0.15	09/28/19 11:24	
1,1,2,2-Tetrachloroethane	ug/m3	0.15 U	0.70	0.15	09/28/19 11:24	MN
1,1,2-Trichloroethane	ug/m3	0.12 U	0.28	0.12	09/28/19 11:24	
1,1,2-Trichlorotrifluoroethane	ug/m3	0.28 U	0.78	0.28	09/28/19 11:24	
1,1-Dichloroethane	ug/m3	0.11 U	0.41	0.11	09/28/19 11:24	
1,1-Dichloroethene	ug/m3	0.14 U	0.40	0.14	09/28/19 11:24	
1,2,4-Trichlorobenzene	ug/m3	1.9 U	3.8	1.9	09/28/19 11:24	
1,2,4-Trimethylbenzene	ug/m3	0.23 U	0.50	0.23	09/28/19 11:24	
1,2-Dibromoethane (EDB)	ug/m3	0.18 U	0.39	0.18	09/28/19 11:24	
1,2-Dichlorobenzene	ug/m3	0.25 U	0.61	0.25	09/28/19 11:24	
1,2-Dichloroethane	ug/m3	0.075 U	0.21	0.075	09/28/19 11:24	
1,2-Dichloropropane	ug/m3	0.12 U	0.47	0.12	09/28/19 11:24	
1,3,5-Trimethylbenzene	ug/m3	0.20 U	0.50	0.20	09/28/19 11:24	
1,3-Butadiene	ug/m3	0.064 U	0.22	0.064	09/28/19 11:24	
1,3-Dichlorobenzene	ug/m3	0.29 U	0.61	0.29	09/28/19 11:24	
1,4-Dichlorobenzene	ug/m3	0.50 U	1.5	0.50	09/28/19 11:24	
2-Butanone (MEK)	ug/m3	0.18 U	1.5	0.18	09/28/19 11:24	
2-Hexanone	ug/m3	0.37 U	2.1	0.37	09/28/19 11:24	
2-Propanol	ug/m3	0.35 U	1.2	0.35	09/28/19 11:24	
4-Ethyltoluene	ug/m3	0.28 U	1.2	0.28	09/28/19 11:24	
4-Methyl-2-pentanone (MIBK)	ug/m3	0.26 U	2.1	0.26	09/28/19 11:24	
Acetone	ug/m3	0.60 U	1.2	0.60	09/28/19 11:24	
Benzene	ug/m3	0.076 U	0.16	0.076	09/28/19 11:24	
Benzyl chloride	ug/m3	0.60 U	1.3	0.60	09/28/19 11:24	
Bromodichloromethane	ug/m3	0.18 U	0.68	0.18	09/28/19 11:24	
Bromoform	ug/m3	0.71 U	2.6	0.71	09/28/19 11:24	
Bromomethane	ug/m3	0.11 U	0.39	0.11	09/28/19 11:24	
Carbon disulfide	ug/m3	0.11 U	0.32	0.11	09/28/19 11:24	
Carbon tetrachloride	ug/m3	0.21 U	0.64	0.21	09/28/19 11:24	
Chlorobenzene	ug/m3	0.14 U	0.47	0.14	09/28/19 11:24	
Chloroethane	ug/m3	0.13 U	0.67	0.13	09/28/19 11:24	MN
Chloroform	ug/m3	0.098 U	0.25	0.098	09/28/19 11:24	
Chloromethane	ug/m3	0.078 U	0.21	0.078	09/28/19 11:24	
cis-1,2-Dichloroethene	ug/m3	0.11 U	0.40	0.11	09/28/19 11:24	
cis-1,3-Dichloropropene	ug/m3	0.15 U	0.46	0.15	09/28/19 11:24	
Cyclohexane	ug/m3	0.18 U	0.88	0.18	09/28/19 11:24	
Dibromochloromethane	ug/m3	0.36 U	0.86	0.36	09/28/19 11:24	
Dichlorodifluoromethane	ug/m3	0.15 U	0.50	0.15	09/28/19 11:24	
Dichlorotetrafluoroethane	ug/m3	0.22 U	0.71	0.22	09/28/19 11:24	
Ethanol	ug/m3	0.41 U	0.96	0.41	09/28/19 11:24	
Ethyl acetate	ug/m3	0.095 U	0.37	0.095	09/28/19 11:24	

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR

Pace Project No.: 35499815

METHOD BLANK: 3423911

Matrix: Air

Associated Lab Samples: 35499815001, 35499815004, 35499815006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/m3	0.15 U	0.44	0.15	09/28/19 11:24	
Hexachloro-1,3-butadiene	ug/m3	0.98 U	2.7	0.98	09/28/19 11:24	
m&p-Xylene	ug/m3	0.35 U	0.88	0.35	09/28/19 11:24	
Methyl-tert-butyl ether	ug/m3	0.33 U	1.8	0.33	09/28/19 11:24	
Methylene Chloride	ug/m3	0.60 U	1.8	0.60	09/28/19 11:24	
n-Heptane	ug/m3	0.19 U	0.42	0.19	09/28/19 11:24	
n-Hexane	ug/m3	0.16 U	0.36	0.16	09/28/19 11:24	
Naphthalene	ug/m3	0.66 U	1.3	0.66	09/28/19 11:24	
o-Xylene	ug/m3	0.17 U	0.44	0.17	09/28/19 11:24	
Propylene	ug/m3	0.070 U	0.18	0.070	09/28/19 11:24	
Styrene	ug/m3	0.17 U	0.43	0.17	09/28/19 11:24	
Tetrachloroethene	ug/m3	0.16 U	0.34	0.16	09/28/19 11:24	
Tetrahydrofuran	ug/m3	0.13 U	0.30	0.13	09/28/19 11:24	
Toluene	ug/m3	0.18 U	0.38	0.18	09/28/19 11:24	
trans-1,2-Dichloroethene	ug/m3	0.14 U	0.40	0.14	09/28/19 11:24	
trans-1,3-Dichloropropene	ug/m3	0.22 U	0.46	0.22	09/28/19 11:24	
Trichloroethene	ug/m3	0.13 U	0.27	0.13	09/28/19 11:24	
Trichlorofluoromethane	ug/m3	0.18 U	0.57	0.18	09/28/19 11:24	
Vinyl acetate	ug/m3	0.14 U	0.89	0.14	09/28/19 11:24	MN
Vinyl chloride	ug/m3	0.063 U	0.13	0.063	09/28/19 11:24	

LABORATORY CONTROL SAMPLE: 3423912

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	57.7	104	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	72.0	103	70-132	
1,1,2-Trichloroethane	ug/m3	55.5	53.9	97	70-130	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	81.6	105	70-130	
1,1-Dichloroethane	ug/m3	41.1	42.9	104	70-130	
1,1-Dichloroethene	ug/m3	40.3	42.1	104	70-130	
1,2,4-Trichlorobenzene	ug/m3	75.4	67.5	90	56-130	
1,2,4-Trimethylbenzene	ug/m3	50	50.9	102	70-134	
1,2-Dibromoethane (EDB)	ug/m3	78.1	78.6	101	70-130	
1,2-Dichlorobenzene	ug/m3	61.1	60.9	100	70-132	
1,2-Dichloroethane	ug/m3	41.1	40.0	97	70-130	
1,2-Dichloropropane	ug/m3	47	51.3	109	70-130	
1,3,5-Trimethylbenzene	ug/m3	50	48.9	98	70-132	
1,3-Butadiene	ug/m3	22.5	25.1	112	65-130	
1,3-Dichlorobenzene	ug/m3	61.1	72.2	118	70-137	
1,4-Dichlorobenzene	ug/m3	61.1	57.9	95	70-134	
2-Butanone (MEK)	ug/m3	30	31.8	106	70-130	
2-Hexanone	ug/m3	41.6	44.3	106	70-135	
2-Propanol	ug/m3	125	137	109	68-130	
4-Ethyltoluene	ug/m3	50	49.8	100	70-138	

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR

Pace Project No.: 35499815

LABORATORY CONTROL SAMPLE: 3423912

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	41.6	46.1	111	70-131	
Acetone	ug/m3	121	111	92	67-130	
Benzene	ug/m3	32.5	34.3	106	70-130	
Benzyl chloride	ug/m3	52.6	49.9	95	70-130	
Bromodichloromethane	ug/m3	68.1	74.9	110	70-130	
Bromoform	ug/m3	105	98.5	94	70-132	
Bromomethane	ug/m3	39.5	42.7	108	69-130	
Carbon disulfide	ug/m3	31.6	33.5	106	56-137	
Carbon tetrachloride	ug/m3	64	59.8	94	66-131	
Chlorobenzene	ug/m3	46.8	51.8	111	70-130	
Chloroethane	ug/m3	26.8	32.3	120	70-130	
Chloroform	ug/m3	49.6	52.1	105	70-130	
Chloromethane	ug/m3	21	21.6	103	66-130	
cis-1,2-Dichloroethene	ug/m3	40.3	45.5	113	70-130	
cis-1,3-Dichloropropene	ug/m3	46.1	53.1	115	70-133	
Cyclohexane	ug/m3	35	40.4	115	68-132	
Dibromochloromethane	ug/m3	86.6	106	122	70-130	
Dichlorodifluoromethane	ug/m3	50.3	49.4	98	70-130	
Dichlorotetrafluoroethane	ug/m3	71	76.7	108	70-130	
Ethanol	ug/m3	95.8	103	108	68-133	
Ethyl acetate	ug/m3	36.6	41.9	114	69-130	
Ethylbenzene	ug/m3	44.1	53.9	122	67-131	
Hexachloro-1,3-butadiene	ug/m3	108	102	94	66-137	
m&p-Xylene	ug/m3	88.3	109	124	70-132	
Methyl-tert-butyl ether	ug/m3	36.6	38.5	105	70-130	
Methylene Chloride	ug/m3	177	177	100	65-130	
n-Heptane	ug/m3	41.7	44.6	107	65-130	
n-Hexane	ug/m3	35.8	38.7	108	66-130	
Naphthalene	ug/m3	53.3	50.5	95	56-130	
o-Xylene	ug/m3	44.1	52.8	120	70-130	
Propylene	ug/m3	17.5	18.0	103	67-130	
Styrene	ug/m3	43.3	42.8	99	69-136	
Tetrachloroethene	ug/m3	68.9	71.4	104	70-130	
Tetrahydrofuran	ug/m3	30	33.6	112	68-131	
Toluene	ug/m3	38.3	44.0	115	70-130	
trans-1,2-Dichloroethene	ug/m3	40.3	43.1	107	70-130	
trans-1,3-Dichloropropene	ug/m3	46.1	45.6	99	70-134	
Trichloroethene	ug/m3	54.6	54.0	99	70-130	
Trichlorofluoromethane	ug/m3	57.1	58.1	102	65-130	
Vinyl acetate	ug/m3	35.8	35.6	99	61-133	
Vinyl chloride	ug/m3	26	27.4	105	70-130	

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

SAMPLE DUPLICATE: 3424049

Parameter	Units	10493330001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	0.44 U		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.44 U		25	
1,1,2-Trichloroethane	ug/m3	ND	0.35 U		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.1 I		25	
1,1-Dichloroethane	ug/m3	ND	0.32 U		25	
1,1-Dichloroethene	ug/m3	ND	0.39 U		25	
1,2,4-Trichlorobenzene	ug/m3	ND	5.4 U		25	
1,2,4-Trimethylbenzene	ug/m3	ND	0.65 U		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	0.53 U		25	
1,2-Dichlorobenzene	ug/m3	ND	0.72 U		25	
1,2-Dichloroethane	ug/m3	ND	0.22 U		25	
1,2-Dichloropropane	ug/m3	ND	0.33 U		25	
1,3,5-Trimethylbenzene	ug/m3	ND	0.57 U		25	
1,3-Butadiene	ug/m3	ND	0.18 U		25	
1,3-Dichlorobenzene	ug/m3	ND	0.84 U		25	
1,4-Dichlorobenzene	ug/m3	ND	1.4 U		25	
2-Butanone (MEK)	ug/m3	ND	0.53 U		25	
2-Hexanone	ug/m3	ND	1.1 U		25	
2-Propanol	ug/m3	ND	1.0 U		25	
4-Ethyltoluene	ug/m3	ND	0.82 U		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	0.75 U		25	
Acetone	ug/m3	4.6	4.5	3	25	
Benzene	ug/m3	ND	0.26 I		25	
Benzyl chloride	ug/m3	ND	1.7 U		25	
Bromodichloromethane	ug/m3	ND	0.53 U		25	
Bromoform	ug/m3	ND	2.0 U		25	
Bromomethane	ug/m3	ND	0.33 U		25	
Carbon disulfide	ug/m3	ND	0.32 U		25	
Carbon tetrachloride	ug/m3	ND	0.62 U		25	
Chlorobenzene	ug/m3	ND	0.40 U		25	
Chloroethane	ug/m3	ND	0.37 U		25	
Chloroform	ug/m3	ND	0.28 U		25	
Chloromethane	ug/m3	0.84	0.84	0	25	
cis-1,2-Dichloroethene	ug/m3	ND	0.32 U		25	
cis-1,3-Dichloropropene	ug/m3	ND	0.44 U		25	
Cyclohexane	ug/m3	ND	0.51 U		25	
Dibromochloromethane	ug/m3	ND	1.0 U		25	
Dichlorodifluoromethane	ug/m3	2.3	2.5	6	25	
Dichlorotetrafluoroethane	ug/m3	ND	0.63 U		25	
Ethanol	ug/m3	ND	2.6 I		25	
Ethyl acetate	ug/m3	ND	0.27 U		25	
Ethylbenzene	ug/m3	ND	0.44 U		25	
Hexachloro-1,3-butadiene	ug/m3	ND	2.8 U		25	
m&p-Xylene	ug/m3	ND	1.0 U		25	
Methyl-tert-butyl ether	ug/m3	ND	0.95 U		25	
Methylene Chloride	ug/m3	5.2	5.1 I		25	
n-Heptane	ug/m3	ND	0.55 U		25	

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

SAMPLE DUPLICATE: 3424049

Parameter	Units	10493330001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	ND	0.72 I		25	
Naphthalene	ug/m3	ND	1.9 U		25	
o-Xylene	ug/m3	ND	0.50 U		25	
Propylene	ug/m3	0.56	0.55	1	25	
Styrene	ug/m3	ND	0.50 U		25	
Tetrachloroethene	ug/m3	ND	0.45 U		25	
Tetrahydrofuran	ug/m3	ND	0.38 U		25	
Toluene	ug/m3	ND	0.51 U		25	
trans-1,2-Dichloroethene	ug/m3	ND	0.41 U		25	
trans-1,3-Dichloropropene	ug/m3	ND	0.63 U		25	
Trichloroethene	ug/m3	ND	0.36 U		25	
Trichlorofluoromethane	ug/m3	ND	1.3 I		25	
Vinyl acetate	ug/m3	ND	0.39 U		25	
Vinyl chloride	ug/m3	ND	0.18 U		25	

SAMPLE DUPLICATE: 3424050

Parameter	Units	10493330002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	0.46 U		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.46 U		25	
1,1,2-Trichloroethane	ug/m3	ND	0.36 U		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.1 I		25	
1,1-Dichloroethane	ug/m3	ND	0.34 U		25	
1,1-Dichloroethene	ug/m3	ND	0.41 U		25	
1,2,4-Trichlorobenzene	ug/m3	ND	5.5 U		25	
1,2,4-Trimethylbenzene	ug/m3	ND	0.67 U		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	0.55 U		25	
1,2-Dichlorobenzene	ug/m3	ND	0.74 U		25	
1,2-Dichloroethane	ug/m3	ND	0.22 U		25	
1,2-Dichloropropane	ug/m3	ND	0.34 U		25	
1,3,5-Trimethylbenzene	ug/m3	ND	0.59 U		25	
1,3-Butadiene	ug/m3	ND	0.19 U		25	
1,3-Dichlorobenzene	ug/m3	ND	0.87 U		25	
1,4-Dichlorobenzene	ug/m3	ND	1.5 U		25	
2-Butanone (MEK)	ug/m3	ND	0.55 U		25	
2-Hexanone	ug/m3	ND	1.1 U		25	
2-Propanol	ug/m3	ND	1.4 I		25	
4-Ethyltoluene	ug/m3	ND	0.85 U		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	0.77 U		25	
Acetone	ug/m3	7.6	7.4	3	25	
Benzene	ug/m3	ND	0.23 U		25	
Benzyl chloride	ug/m3	ND	1.8 U		25	
Bromodichloromethane	ug/m3	ND	0.55 U		25	
Bromoform	ug/m3	ND	2.1 U		25	
Bromomethane	ug/m3	ND	0.34 U		25	

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR

Pace Project No.: 35499815

SAMPLE DUPLICATE: 3424050

Parameter	Units	10493330002 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	ND	0.33 U		25	
Carbon tetrachloride	ug/m3	ND	0.64 U		25	
Chlorobenzene	ug/m3	ND	0.41 U		25	
Chloroethane	ug/m3	ND	0.39 U		25	
Chloroform	ug/m3	ND	0.29 U		25	
Chloromethane	ug/m3	0.87	0.97	10	25	
cis-1,2-Dichloroethene	ug/m3	ND	0.33 U		25	
cis-1,3-Dichloropropene	ug/m3	ND	0.45 U		25	
Cyclohexane	ug/m3	ND	0.53 U		25	
Dibromochloromethane	ug/m3	ND	1.1 U		25	
Dichlorodifluoromethane	ug/m3	2.5	2.5	1	25	
Dichlorotetrafluoroethane	ug/m3	ND	0.65 U		25	
Ethanol	ug/m3	5.4	5.6	5	25	
Ethyl acetate	ug/m3	ND	0.28 U		25	
Ethylbenzene	ug/m3	ND	0.45 U		25	
Hexachloro-1,3-butadiene	ug/m3	ND	2.9 U		25	
m&p-Xylene	ug/m3	ND	1.0 U		25	
Methyl-tert-butyl ether	ug/m3	ND	0.99 U		25	
Methylene Chloride	ug/m3	ND	4.0 I		25	
n-Heptane	ug/m3	ND	0.57 U		25	
n-Hexane	ug/m3	ND	1.1 I		25	
Naphthalene	ug/m3	ND	2.0 U		25	
o-Xylene	ug/m3	ND	0.51 U		25	
Propylene	ug/m3	ND	0.51 I		25	
Styrene	ug/m3	ND	0.51 U		25	
Tetrachloroethene	ug/m3	ND	0.47 U		25	
Tetrahydrofuran	ug/m3	ND	0.39 U		25	
Toluene	ug/m3	ND	0.52 U		25	
trans-1,2-Dichloroethene	ug/m3	ND	0.42 U		25	
trans-1,3-Dichloropropene	ug/m3	ND	0.66 U		25	
Trichloroethene	ug/m3	ND	0.38 U		25	
Trichlorofluoromethane	ug/m3	ND	1.5 I		25	
Vinyl acetate	ug/m3	ND	0.40 U		25	
Vinyl chloride	ug/m3	ND	0.19 U		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

## REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

---

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

### ANALYTE QUALIFIERS

- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- U Compound was analyzed for but not detected.
- C8 Result may be biased high due to carryover from previously analyzed sample.
- L Off-scale high. Actual value is known to be greater than value given.
- MN The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Pfizer-Carolina PR  
Pace Project No.: 35499815

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35499815001	SG-7	TO-15	635197		
35499815002	SG-6	TO-15	634731		
35499815003	SG-9	TO-15	634731		
35499815004	SG-11	TO-15	635197		
35499815005	SG-12	TO-15	634731		
35499815006	SG-14	TO-15	635197		
35499815007	SG-17	TO-15	634731		
35499815008	SS-2	TO-15	634731		

### REPORT OF LABORATORY ANALYSIS

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	Document Name: Pending Log-in Process	Document Revised: 07Feb2019 Page 1 of 1
	Document No.: F-MN-C-097 Rev.05	Issuing Authority: Pace Minnesota Quality Office

SR Tech <u>WJ</u>	Date Initiated <u>9/23/19</u> PM <u>5DD</u>	Client Name <u>Pace FL</u>	Profile # <u>35621</u> Pink shelf <input type="checkbox"/> #1 <input checked="" type="checkbox"/> #2
Issue Type (check all that apply)*	Client Name/Project Name on containers (if no COC)		
<u>MCOC Issue Needs TR Paperwork</u>			
Date/Time Received <u>9/23/19 8:45</u>			
EPIC Issue (check one)	Resolution		
<input type="checkbox"/> Client not in Epic			
<input type="checkbox"/> Profile not in Epic			
<input type="checkbox"/> Add acode			
<input type="checkbox"/> Other			
	PM/Date		

Sample Line Item	BPIU	BP2U	BP3U	BP3S	BP3N	AG1U	AG1H	AG3S	AGIT	JG FU	JG CU	BJ FU	WP DU	VG9M	VG9H	GN	SPST	DWC
Check the box to the left to indicate that the container(s) received for line items _____ are identical to the container(s) documented for line item 1 for this CoC.																		
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

Comments:

Logged in by (initial) \_\_\_\_\_ Date \_\_\_\_\_ WO \_\_\_\_\_



www.paceanalytical.com

# AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:																																																																																																																			
<p>Company: <u>Goldar</u> Address: <u>7428 Bee Meadow Rd</u> City: <u>Leesville Rd</u> State: <u>SC</u> Zip: <u>29070</u> Email To: <u>Matt_Goldar@Goldar.com</u> Phone: <u>704-350-3430</u> Fax: <u></u> Requested Due Date/TAT: <u></u></p>		<p>Report To: <u>Matt_Goldar</u> Billed To: <u></u> Purchase Order No.: <u></u> Project Name: <u>Frizer - Carolina</u> Project Number: <u>123-8274K0B.0013</u> Pace Profile #: <u>35621 #7</u></p>		<p>Attention: <u></u> Company Name: <u></u> Address: <u></u> Phone: <u></u> Fax: <u></u> Pace Project Manager/Sales Rep: <u></u></p>																																																																																																																			
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<p>Comments: <u>Hannah Elston</u> / Goldar 9/19/1955</p>																																																																																																																							
<p><b>SAMPLE NAME AND SIGNATURE</b> PRINT Name of SAMPLER: <u>Hannah Elston</u> SIGNATURE of SAMPLER: <u>David Mc Daniels</u> DATE SIGNED (MM/DD/YY): <u>09/19/19</u></p>																																																																																																																							
<p><b>ORIGINAL</b></p>																																																																																																																							
Received on <b>9/23/19</b>	Temp in <b>68° F</b>	Sealed in <b>16oz</b>	Custodians Initials <b>V/N V/N V/N V/N V/N V/N</b>	Sealed by <b>V/N V/N V/N V/N V/N V/N</b>	Samples intact <b>V/N V/N V/N V/N V/N V/N</b>																																																																																																																		

	Document Name: Air Sample Condition Upon Receipt	Document Revised: 31Jan2019 Page 1 of 1
	Document No.: F-MN-A-106-rev.18	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt	Client Name: <u>Golder</u>	Project #: _____
Courier:	<input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> USPS <input type="checkbox"/> Client <input type="checkbox"/> Pace <input type="checkbox"/> SpeeDee <input type="checkbox"/> Commercial See Exception	_____
Tracking Number:	<u>8115 4977 4862</u>	

Custody Seal on Cooler/Box Present?  Yes     No    Seals Intact?  Yes     No

Packing Material:  Bubble Wrap     Bubble Bags     Foam     None     Tin Can     Other: \_\_\_\_\_ Temp Blank rec:  Yes  No

Temp. (TO17 and TO13 samples only) (°C): \_\_\_\_\_ Corrected Temp (°C): \_\_\_\_\_ Thermometer Used:  G87A9170600254  
 G87A9155100842

Temp should be above freezing to 6°C    Correction Factor: \_\_\_\_\_

Date & Initials of Person Examining Contents: WD 9/23/19

Type of ice Received  Blue     Wet     None

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Media: <input type="checkbox"/> Air Can <input type="checkbox"/> Airbag <input type="checkbox"/> Filter    TDT    Passive	11. Individually Certified Cans Y <input type="checkbox"/> N <input type="checkbox"/> (list which samples)	
Is sufficient information available to reconcile samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
Do cans need to be pressurized (3C and ASTM 1946 DO NOT PRESSURIZE)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13.

Samples Received:

Pressure Gauge #  10AIR34  10AIR35

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
SG-7	2523	0187	-4.5	+10					
SG-6	3198	0393	-5	"					
SG-9	3111	0162	-4	"					
SG-11	0893	0193	-4	"					
SG-12	3081	0158	-7	"					
SG-14	2228	0171	-6	"					
SG-17	2232	0196	-7	"					
SG-18 (SG-2)	3192	1752	-9	"					

*WD 9/23/19*

CLIENT NOTIFICATION/RESOLUTION

Field Data Required?  Yes  No

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/Resolution: \_\_\_\_\_

Project Manager Review: \_\_\_\_\_ Date: \_\_\_\_\_

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hole, incorrect preservative, out of temp, incorrect container/s)

# DRINKING WATER MICROBIAL SAMPLE COLLECTION & LABORATORY REPORTING FORMAT



3610 Park Central Blvd. North  
Pompano Beach, FL 33064  
(954) 582-4300. FDOH# E86240

Report Number: 3748-PY/0 Sub-Contract Lab ID: \_\_\_\_\_

Lab Receipt Date & Time:	<u>8-23-19 8:15</u>
Analysis Date & Time:	<u>8-23-19 14:45</u>
Sample Acceptance Criteria:	<u>64 °C</u>
Sample Preservation:	<input checked="" type="checkbox"/> On Ice <input type="checkbox"/> Not On Ice <input type="checkbox"/> 64 °C
Disinfectant Check:	<input checked="" type="checkbox"/> Not Detected <input type="checkbox"/> mg/L
This sample does not meet the following NELAC requirements:	

**Analysis Requested:** (check all that apply)

Total Coliform/E. coli    Total Coliform/Fecal    Enterococci    Coliphage    HPC    Other: \_\_\_\_\_

**Public Water System (PWS) Name:** Midway Marathon

PWS Address: 1200 W Midway Rd

PWS or PWS Owner's Phone #:

Fax #:

Collector: Ricardo Garcia

Collector's Phone #: 5618660487

**Type of Supply:** (check only one)

Community Water System    Non-Transient Non-community Water System    Transient Non-community Water System  
 Limited Use System    Bottled Water    Private Well    Swimming Pool    Other: \_\_\_\_\_

**Reason for Sampling:** (check all that apply)

Distribution Routine    Distribution Repeat    Raw (triggered or assessment)    Raw (triggered or assessment) additional    Well Survey  
 Clearance    Replacement (also check type of sample being replaced)    Boil Water Notice    Other: \_\_\_\_\_

Sample Collection Date: 9/2/19

To be completed by collector of sample						To be completed by lab				
Sample #	Sample Point (Location or Specific Address)	Sample Collection Time	Sample Type <sup>i</sup>	Disin- fectant Residual (mg/L)	pH	Analysis Method(s) <sup>ii</sup>				
						Total Coliform Analysis Method:	SM9223B	Fecal or E. coli Analysis Method:	SM9223B	E. coli
	Well	1105	R	0		A	A			1
	Building Tap	1105	D	0.3		A	A			2

Average of disinfectant residuals for distribution routine & repeat samples. ( Free chlorine or Total chlorine (circle one) )

**Disinfectant Residual Analysis Method:**

DPD Colorimetric    Other: \_\_\_\_\_

**Person performing disinfectant analysis is (see instructions on reverse):**

A certified operator (# 18158)

Supervised by certified operator (#  )

Employed by a certified lab    Employed by DEP or DOH

Authorized representative of supplier of water

Unless otherwise noted, all tests are performed in accordance with NELAC standards, and the results relate only to the samples.

Date and time PWS notified by lab of positive results: \_\_\_\_\_

Date and time DEP/DOH notified by lab of positive results: \_\_\_\_\_

Date Report Issued: 9-25-19

Lab Signature: WT-WLSL

Title: Project Coordinator

<input type="checkbox"/> Satisfactory		DEP/DOH USE ONLY		
<input type="checkbox"/> Incomplete Collection Information				
<input type="checkbox"/> Repeat Samples Required				
<input type="checkbox"/> Replacement Samples Required				
Date Reviewed by DEP/DOH: _____				
DEP/DOH Reviewing Official: _____				

<sup>i</sup>Indicate the sample type for each sample collected. Sample Type codes are: D = Distribution (routine compliance), C = Repeat/Check, R = Raw, N = Entry Point to Distribution, P = Plant Tap, S = Special (clearance, etc.).

<sup>ii</sup>MF = SM9223B & D; MTP = 9221B & EC/MUG; MMO/MUG=SM9223B; HPC=SM9215B

<sup>iii</sup>Please circle appropriate selection

<sup>iv</sup>Defined in Florida Administrative Code Rule 62-160 Table 1

<sup>v</sup>Complete for community & non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.

Relinquished By: Ricardo Garcia Date: 9/23/19 Time: 8:15

Received By: J. Smith Date: 9/23 Time: 8:15

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

December 17, 2019

Mr. Matt Crews, PE  
Golder Associates, Inc.  
9428 Baymeadows Road  
Suite 400  
Jacksonville, FL 32256

RE: Project: Pfizer-Carolina PR-Revised Report  
Pace Project No.: 35512597

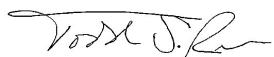
Dear Mr. Crews, PE:

Enclosed are the analytical results for sample(s) received by the laboratory on November 15, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Final report issued 12/17/2019 supersedes all other versions. The report is being reissued to update the sample ID for 35512597002 from SS-2 to SS-3, per client request.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Todd Rea  
todd.rea@pacelabs.com  
(904) 903-7948  
Project Manager

Enclosures

cc: Jax\_Labdata, Golder Associates, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: Pfizer-Carolina PR-Revised Report  
 Pace Project No.: 35512597

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### Pace Analytical Services Minneapolis

A2LA Certification #: 2926.01	Minnesota Dept of Ag Certification #: via MN 027-053-137
Alabama Certification #: 40770	Minnesota Petrofund Certification #: 1240
Alaska Contaminated Sites Certification #: 17-009	Mississippi Certification #: MN00064
Alaska DW Certification #: MN00064	Missouri Certification #: 10100
Arizona Certification #: AZ0014	Montana Certification #: CERT0092
Arkansas DW Certification #: MN00064	Nebraska Certification #: NE-OS-18-06
Arkansas WW Certification #: 88-0680	Nevada Certification #: MN00064
California Certification #: 2929	New Hampshire Certification #: 2081
CNMI Saipan Certification #: MP0003	New Jersey Certification #: MN002
Colorado Certification #: MN00064	New York Certification #: 11647
Connecticut Certification #: PH-0256	North Carolina DW Certification #: 27700
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137	North Carolina WW Certification #: 530
Florida Certification #: E87605	North Dakota Certification #: R-036
Georgia Certification #: 959	Ohio DW Certification #: 41244
Guam EPA Certification #: MN00064	Ohio VAP Certification #: CL101
Hawaii Certification #: MN00064	Oklahoma Certification #: 9507
Idaho Certification #: MN00064	Oregon Primary Certification #: MN300001
Illinois Certification #: 200011	Oregon Secondary Certification #: MN200001
Indiana Certification #: C-MN-01	Pennsylvania Certification #: 68-00563
Iowa Certification #: 368	Puerto Rico Certification #: MN00064
Kansas Certification #: E-10167	South Carolina Certification #: 74003001
Kentucky DW Certification #: 90062	Tennessee Certification #: TN02818
Kentucky WW Certification #: 90062	Texas Certification #: T104704192
Louisiana DEQ Certification #: 03086	Utah Certification #: MN00064
Louisiana DW Certification #: MN00064	Vermont Certification #: VT-027053137
Maine Certification #: MN00064	Virginia Certification #: 460163
Maryland Certification #: 322	Washington Certification #: C486
Massachusetts Certification #: M-MN064	West Virginia DEP Certification #: 382
Massachusetts DWP Certification #: via MN 027-053-137	West Virginia DW Certification #: 9952 C
Michigan Certification #: 9909	Wisconsin Certification #: 999407970
Minnesota Certification #: 027-053-137	Wyoming UST Certification #: via A2LA 2926.01

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: Pfizer-Carolina PR-Revised Report  
 Pace Project No.: 35512597

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35512597001	SS-1	Air	11/13/19 10:24	11/15/19 09:30
35512597002	SS-3	Air	11/13/19 11:27	11/15/19 09:30
35512597003	SG-8	Air	11/13/19 12:18	11/15/19 09:30
35512597004	SG-10	Air	11/13/19 13:33	11/15/19 09:30
35512597005	SG-13	Air	11/13/19 14:24	11/15/19 09:30
35512597006	Unused Canister #1	Air	11/13/19 00:01	11/15/19 09:30
35512597007	Unused Canister #2	Air	11/13/19 00:01	11/15/19 09:30
35512597008	Unused Canister #3	Air	11/13/19 00:01	11/15/19 09:30

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE ANALYTE COUNT

Project: Pfizer-Carolina PR-Revised Report  
Pace Project No.: 35512597

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35512597001	SS-1	TO-15	MJL	61	PASI-M
35512597002	SS-3	TO-15	MJL	61	PASI-M
35512597003	SG-8	TO-15	MJL	61	PASI-M
35512597004	SG-10	TO-15	MJL	61	PASI-M
35512597005	SG-13	TO-15	MJL	61	PASI-M

## REPORT OF LABORATORY ANALYSIS

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## SUMMARY OF DETECTION

Project: Pfizer-Carolina PR-Revised Report

Pace Project No.: 35512597

Lab Sample ID	Client Sample ID						
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers	
<b>35512597001</b>	<b>SS-1</b>						
TO-15	Acetone	50.6	ug/m3	4.5	11/19/19 18:51		
TO-15	Benzene	0.75	ug/m3	0.61	11/19/19 18:51		
TO-15	2-Butanone (MEK)	29.9	ug/m3	5.6	11/19/19 18:51		
TO-15	Carbon disulfide	0.63 l	ug/m3	1.2	11/19/19 18:51		
TO-15	Chloromethane	1.3	ug/m3	0.79	11/19/19 18:51		
TO-15	Cyclohexane	1.3 l	ug/m3	3.3	11/19/19 18:51		
TO-15	Dichlorodifluoromethane	1.4 l	ug/m3	1.9	11/19/19 18:51		
TO-15	Ethanol	5.9	ug/m3	3.6	11/19/19 18:51		
TO-15	Ethylbenzene	4.4	ug/m3	1.7	11/19/19 18:51		
TO-15	4-Ethyltoluene	6.6	ug/m3	4.7	11/19/19 18:51		
TO-15	n-Hexane	2.9	ug/m3	1.3	11/19/19 18:51		
TO-15	2-Hexanone	2.9 l	ug/m3	7.8	11/19/19 18:51		
TO-15	Methylene Chloride	12.2	ug/m3	6.6	11/19/19 18:51		
TO-15	Naphthalene	3.1 l	ug/m3	5.0	11/19/19 18:51		
TO-15	2-Propanol	4.2 l	ug/m3	4.7	11/19/19 18:51		
TO-15	Styrene	2.6	ug/m3	1.6	11/19/19 18:51		
TO-15	Toluene	7.0	ug/m3	1.4	11/19/19 18:51		
TO-15	Trichlorofluoromethane	0.87 l	ug/m3	2.1	11/19/19 18:51		
TO-15	1,2,4-Trimethylbenzene	23.9	ug/m3	1.9	11/19/19 18:51		
TO-15	1,3,5-Trimethylbenzene	6.7	ug/m3	1.9	11/19/19 18:51		
TO-15	m&p-Xylene	20.6	ug/m3	3.3	11/19/19 18:51		
TO-15	o-Xylene	16.8	ug/m3	1.7	11/19/19 18:51		
<b>35512597002</b>	<b>SS-3</b>						
TO-15	Acetone	63.1	ug/m3	5.1	11/19/19 19:17		
TO-15	Benzene	0.36 l	ug/m3	0.68	11/19/19 19:17		
TO-15	2-Butanone (MEK)	40.1	ug/m3	6.3	11/19/19 19:17		
TO-15	Carbon disulfide	1.4	ug/m3	1.3	11/19/19 19:17		
TO-15	Chloromethane	0.91	ug/m3	0.88	11/19/19 19:17		
TO-15	Cyclohexane	2.4 l	ug/m3	3.7	11/19/19 19:17		
TO-15	Dichlorodifluoromethane	1.8 l	ug/m3	2.1	11/19/19 19:17		
TO-15	Ethanol	9.9	ug/m3	4.0	11/19/19 19:17		
TO-15	Ethylbenzene	5.1	ug/m3	1.9	11/19/19 19:17		
TO-15	4-Ethyltoluene	2.3 l	ug/m3	5.2	11/19/19 19:17		
TO-15	n-Hexane	5.0	ug/m3	1.5	11/19/19 19:17		
TO-15	2-Hexanone	5.0 l	ug/m3	8.7	11/19/19 19:17		
TO-15	Methylene Chloride	29.9	ug/m3	7.4	11/19/19 19:17		
TO-15	Naphthalene	2.8 l	ug/m3	5.6	11/19/19 19:17		
TO-15	2-Propanol	6.8	ug/m3	5.2	11/19/19 19:17		
TO-15	Propylene	4.7	ug/m3	0.74	11/19/19 19:17		
TO-15	Styrene	3.5	ug/m3	1.8	11/19/19 19:17		
TO-15	Toluene	9.7	ug/m3	1.6	11/19/19 19:17		
TO-15	Trichlorofluoromethane	0.98 l	ug/m3	2.4	11/19/19 19:17		
TO-15	1,2,4-Trimethylbenzene	6.0	ug/m3	2.1	11/19/19 19:17		
TO-15	1,3,5-Trimethylbenzene	1.9 l	ug/m3	2.1	11/19/19 19:17		
TO-15	m&p-Xylene	17.0	ug/m3	3.7	11/19/19 19:17		
TO-15	o-Xylene	10.3	ug/m3	1.9	11/19/19 19:17		

## REPORT OF LABORATORY ANALYSIS

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## SUMMARY OF DETECTION

Project: Pfizer-Carolina PR-Revised Report

Pace Project No.: 35512597

Lab Sample ID	Client Sample ID						
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers	
<b>35512597003</b>	<b>SG-8</b>						
TO-15	Acetone	72.1	ug/m3	4.3	11/19/19 19:44		
TO-15	Benzene	0.51 I	ug/m3	0.58	11/19/19 19:44		
TO-15	2-Butanone (MEK)	70.6	ug/m3	5.4	11/19/19 19:44		
TO-15	Carbon disulfide	26.1	ug/m3	1.1	11/19/19 19:44		
TO-15	Cyclohexane	1.3 I	ug/m3	3.2	11/19/19 19:44		
TO-15	Dichlorodifluoromethane	1.2 I	ug/m3	1.8	11/19/19 19:44		
TO-15	Ethanol	61.0	ug/m3	3.5	11/19/19 19:44		
TO-15	Ethyl acetate	16.3	ug/m3	1.3	11/19/19 19:44		
TO-15	Ethylbenzene	0.70 I	ug/m3	1.6	11/19/19 19:44		
TO-15	n-Hexane	3.3	ug/m3	1.3	11/19/19 19:44		
TO-15	2-Hexanone	3.9 I	ug/m3	7.5	11/19/19 19:44		
TO-15	Methylene Chloride	19.7	ug/m3	6.4	11/19/19 19:44		
TO-15	4-Methyl-2-pentanone (MIBK)	3.2 I	ug/m3	7.5	11/19/19 19:44		
TO-15	Naphthalene	4.9	ug/m3	4.8	11/19/19 19:44		
TO-15	2-Propanol	19.8	ug/m3	4.5	11/19/19 19:44		
TO-15	Toluene	3.8	ug/m3	1.4	11/19/19 19:44		
TO-15	Trichlorofluoromethane	8.0	ug/m3	2.1	11/19/19 19:44		
TO-15	1,2,4-Trimethylbenzene	2.9	ug/m3	1.8	11/19/19 19:44		
TO-15	1,3,5-Trimethylbenzene	0.78 I	ug/m3	1.8	11/19/19 19:44		
TO-15	m&p-Xylene	2.8 I	ug/m3	3.2	11/19/19 19:44		
TO-15	o-Xylene	1.2 I	ug/m3	1.6	11/19/19 19:44		
<b>35512597004</b>	<b>SG-10</b>						
TO-15	Acetone	66.7	ug/m3	4.9	11/19/19 20:10		
TO-15	Benzene	0.60 I	ug/m3	0.66	11/19/19 20:10		
TO-15	Bromomethane	1.3 I	ug/m3	1.6	11/19/19 20:10		
TO-15	2-Butanone (MEK)	55.0	ug/m3	6.1	11/19/19 20:10		
TO-15	Carbon disulfide	9.9	ug/m3	1.3	11/19/19 20:10		
TO-15	Chloroform	4.8	ug/m3	2.0	11/19/19 20:10		
TO-15	Chloromethane	2.1	ug/m3	0.85	11/19/19 20:10		
TO-15	Cyclohexane	3.0 I	ug/m3	3.5	11/19/19 20:10		
TO-15	Dichlorodifluoromethane	0.89 I	ug/m3	2.0	11/19/19 20:10		
TO-15	Ethanol	18.6	ug/m3	3.9	11/19/19 20:10		
TO-15	n-Hexane	14.2	ug/m3	1.4	11/19/19 20:10		
TO-15	2-Hexanone	3.9 I	ug/m3	8.4	11/19/19 20:10		
TO-15	Methylene Chloride	60.6	ug/m3	7.1	11/19/19 20:10		
TO-15	4-Methyl-2-pentanone (MIBK)	1.6 I	ug/m3	8.4	11/19/19 20:10		
TO-15	2-Propanol	5.2	ug/m3	5.0	11/19/19 20:10		
TO-15	Propylene	25.4	ug/m3	0.71	11/19/19 20:10		
TO-15	Tetrachloroethene	87.9	ug/m3	1.4	11/19/19 20:10		
TO-15	Toluene	3.2	ug/m3	1.5	11/19/19 20:10		
TO-15	Trichloroethene	6.5	ug/m3	1.1	11/19/19 20:10		
TO-15	Trichlorofluoromethane	9.2	ug/m3	2.3	11/19/19 20:10		
TO-15	1,1,2-Trichlorotrifluoroethane	158	ug/m3	3.2	11/19/19 20:10		
TO-15	1,2,4-Trimethylbenzene	0.96 I	ug/m3	2.0	11/19/19 20:10		
TO-15	m&p-Xylene	1.4 I	ug/m3	3.6	11/19/19 20:10		

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## SUMMARY OF DETECTION

Project: Pfizer-Carolina PR-Revised Report  
Pace Project No.: 35512597

Lab Sample ID	Client Sample ID	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35512597005	SG-13						
TO-15	Acetone		50.6	ug/m3	5.1	11/19/19 20:37	
TO-15	Benzene		1.5	ug/m3	0.68	11/19/19 20:37	
TO-15	2-Butanone (MEK)		29.1	ug/m3	6.3	11/19/19 20:37	
TO-15	Carbon disulfide		2.3	ug/m3	1.3	11/19/19 20:37	
TO-15	Chloroform		5.3	ug/m3	2.1	11/19/19 20:37	
TO-15	Dichlorodifluoromethane		2.2	ug/m3	2.1	11/19/19 20:37	
TO-15	Ethanol		16.3	ug/m3	4.0	11/19/19 20:37	
TO-15	Ethylbenzene		0.91 I	ug/m3	1.9	11/19/19 20:37	
TO-15	n-Hexane		19.9	ug/m3	1.5	11/19/19 20:37	
TO-15	2-Hexanone		4.0 I	ug/m3	8.7	11/19/19 20:37	
TO-15	Methylene Chloride		69.6	ug/m3	7.4	11/19/19 20:37	
TO-15	4-Methyl-2-pentanone (MIBK)		4.0 I	ug/m3	8.7	11/19/19 20:37	
TO-15	2-Propanol		11.2	ug/m3	5.2	11/19/19 20:37	
TO-15	Tetrachloroethene		11.1	ug/m3	1.4	11/19/19 20:37	
TO-15	Toluene		4.5	ug/m3	1.6	11/19/19 20:37	
TO-15	Trichloroethene		8.5	ug/m3	1.1	11/19/19 20:37	
TO-15	Trichlorofluoromethane		10.9	ug/m3	2.4	11/19/19 20:37	
TO-15	1,1,2-Trichlorotrifluoroethane		25.0	ug/m3	3.3	11/19/19 20:37	
TO-15	1,2,4-Trimethylbenzene		1.8 I	ug/m3	2.1	11/19/19 20:37	
TO-15	m&p-Xylene		3.7 I	ug/m3	3.7	11/19/19 20:37	
TO-15	o-Xylene		2.4	ug/m3	1.9	11/19/19 20:37	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR-Revised Report

Pace Project No.: 35512597

Sample: SS-1	Lab ID: 35512597001	Collected: 11/13/19 10:24	Received: 11/15/19 09:30	Matrix: Air					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Acetone	<b>50.6</b>	ug/m3	4.5	2.3	1.87		11/19/19 18:51	67-64-1	
Benzene	<b>0.75</b>	ug/m3	0.61	0.29	1.87		11/19/19 18:51	71-43-2	
Benzyl chloride	<b>2.2 U</b>	ug/m3	4.9	2.2	1.87		11/19/19 18:51	100-44-7	
Bromodichloromethane	<b>0.68 U</b>	ug/m3	2.5	0.68	1.87		11/19/19 18:51	75-27-4	
Bromoform	<b>2.7 U</b>	ug/m3	9.8	2.7	1.87		11/19/19 18:51	75-25-2	
Bromomethane	<b>0.42 U</b>	ug/m3	1.5	0.42	1.87		11/19/19 18:51	74-83-9	
1,3-Butadiene	<b>0.24 U</b>	ug/m3	0.84	0.24	1.87		11/19/19 18:51	106-99-0	
2-Butanone (MEK)	<b>29.9</b>	ug/m3	5.6	0.69	1.87		11/19/19 18:51	78-93-3	
Carbon disulfide	<b>0.63 I</b>	ug/m3	1.2	0.41	1.87		11/19/19 18:51	75-15-0	
Carbon tetrachloride	<b>0.80 U</b>	ug/m3	2.4	0.80	1.87		11/19/19 18:51	56-23-5	
Chlorobenzene	<b>0.51 U</b>	ug/m3	1.8	0.51	1.87		11/19/19 18:51	108-90-7	
Chloroethane	<b>0.49 U</b>	ug/m3	1.0	0.49	1.87		11/19/19 18:51	75-00-3	
Chloroform	<b>0.37 U</b>	ug/m3	1.9	0.37	1.87		11/19/19 18:51	67-66-3	
Chloromethane	<b>1.3</b>	ug/m3	0.79	0.29	1.87		11/19/19 18:51	74-87-3	
Cyclohexane	<b>1.3 I</b>	ug/m3	3.3	0.66	1.87		11/19/19 18:51	110-82-7	
Dibromochloromethane	<b>1.3 U</b>	ug/m3	3.2	1.3	1.87		11/19/19 18:51	124-48-1	
1,2-Dibromoethane (EDB)	<b>0.68 U</b>	ug/m3	1.5	0.68	1.87		11/19/19 18:51	106-93-4	
1,2-Dichlorobenzene	<b>0.93 U</b>	ug/m3	2.3	0.93	1.87		11/19/19 18:51	95-50-1	
1,3-Dichlorobenzene	<b>1.1 U</b>	ug/m3	2.3	1.1	1.87		11/19/19 18:51	541-73-1	
1,4-Dichlorobenzene	<b>1.9 U</b>	ug/m3	5.7	1.9	1.87		11/19/19 18:51	106-46-7	
Dichlorodifluoromethane	<b>1.4 I</b>	ug/m3	1.9	0.55	1.87		11/19/19 18:51	75-71-8	
1,1-Dichloroethane	<b>0.42 U</b>	ug/m3	1.5	0.42	1.87		11/19/19 18:51	75-34-3	
1,2-Dichloroethane	<b>0.28 U</b>	ug/m3	0.77	0.28	1.87		11/19/19 18:51	107-06-2	
1,1-Dichloroethene	<b>0.51 U</b>	ug/m3	1.5	0.51	1.87		11/19/19 18:51	75-35-4	
cis-1,2-Dichloroethene	<b>0.41 U</b>	ug/m3	1.5	0.41	1.87		11/19/19 18:51	156-59-2	
trans-1,2-Dichloroethene	<b>0.53 U</b>	ug/m3	1.5	0.53	1.87		11/19/19 18:51	156-60-5	
1,2-Dichloropropane	<b>0.43 U</b>	ug/m3	1.8	0.43	1.87		11/19/19 18:51	78-87-5	
cis-1,3-Dichloropropene	<b>0.57 U</b>	ug/m3	1.7	0.57	1.87		11/19/19 18:51	10061-01-5	
trans-1,3-Dichloropropene	<b>0.82 U</b>	ug/m3	1.7	0.82	1.87		11/19/19 18:51	10061-02-6	
Dichlorotetrafluoroethane	<b>0.82 U</b>	ug/m3	2.7	0.82	1.87		11/19/19 18:51	76-14-2	
Ethanol	<b>5.9</b>	ug/m3	3.6	1.5	1.87		11/19/19 18:51	64-17-5	
Ethyl acetate	<b>0.36 U</b>	ug/m3	1.4	0.36	1.87		11/19/19 18:51	141-78-6	
Ethylbenzene	<b>4.4</b>	ug/m3	1.7	0.57	1.87		11/19/19 18:51	100-41-4	
4-Ethyltoluene	<b>6.6</b>	ug/m3	4.7	1.1	1.87		11/19/19 18:51	622-96-8	
n-Heptane	<b>0.71 U</b>	ug/m3	1.6	0.71	1.87		11/19/19 18:51	142-82-5	
Hexachloro-1,3-butadiene	<b>3.7 U</b>	ug/m3	10.1	3.7	1.87		11/19/19 18:51	87-68-3	
n-Hexane	<b>2.9</b>	ug/m3	1.3	0.58	1.87		11/19/19 18:51	110-54-3	
2-Hexanone	<b>2.9 I</b>	ug/m3	7.8	1.4	1.87		11/19/19 18:51	591-78-6	
Methylene Chloride	<b>12.2</b>	ug/m3	6.6	2.3	1.87		11/19/19 18:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.97 U</b>	ug/m3	7.8	0.97	1.87		11/19/19 18:51	108-10-1	
Methyl-tert-butyl ether	<b>1.2 U</b>	ug/m3	6.8	1.2	1.87		11/19/19 18:51	1634-04-4	
Naphthalene	<b>3.1 I</b>	ug/m3	5.0	2.4	1.87		11/19/19 18:51	91-20-3	
2-Propanol	<b>4.2 I</b>	ug/m3	4.7	1.3	1.87		11/19/19 18:51	67-63-0	
Propylene	<b>0.26 U</b>	ug/m3	0.65	0.26	1.87		11/19/19 18:51	115-07-1	
Styrene	<b>2.6</b>	ug/m3	1.6	0.64	1.87		11/19/19 18:51	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.58 U</b>	ug/m3	1.3	0.58	1.87		11/19/19 18:51	79-34-5	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR-Revised Report

Pace Project No.: 35512597

Sample: SS-1	Lab ID: 35512597001	Collected: 11/13/19 10:24	Received: 11/15/19 09:30	Matrix: Air					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Tetrachloroethene	<b>0.59 U</b>	ug/m3	1.3	0.59	1.87		11/19/19 18:51	127-18-4	
Tetrahydrofuran	<b>0.49 U</b>	ug/m3	1.1	0.49	1.87		11/19/19 18:51	109-99-9	
Toluene	<b>7.0</b>	ug/m3	1.4	0.66	1.87		11/19/19 18:51	108-88-3	
1,2,4-Trichlorobenzene	<b>7.0 U</b>	ug/m3	14.1	7.0	1.87		11/19/19 18:51	120-82-1	
1,1,1-Trichloroethane	<b>0.58 U</b>	ug/m3	2.1	0.58	1.87		11/19/19 18:51	71-55-6	
1,1,2-Trichloroethane	<b>0.45 U</b>	ug/m3	1.0	0.45	1.87		11/19/19 18:51	79-00-5	
Trichloroethene	<b>0.47 U</b>	ug/m3	1.0	0.47	1.87		11/19/19 18:51	79-01-6	
Trichlorofluoromethane	<b>0.87 I</b>	ug/m3	2.1	0.68	1.87		11/19/19 18:51	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>1.1 U</b>	ug/m3	2.9	1.1	1.87		11/19/19 18:51	76-13-1	
1,2,4-Trimethylbenzene	<b>23.9</b>	ug/m3	1.9	0.85	1.87		11/19/19 18:51	95-63-6	
1,3,5-Trimethylbenzene	<b>6.7</b>	ug/m3	1.9	0.75	1.87		11/19/19 18:51	108-67-8	
Vinyl acetate	<b>0.50 U</b>	ug/m3	1.3	0.50	1.87		11/19/19 18:51	108-05-4	
Vinyl chloride	<b>0.24 U</b>	ug/m3	0.49	0.24	1.87		11/19/19 18:51	75-01-4	
m&p-Xylene	<b>20.6</b>	ug/m3	3.3	1.3	1.87		11/19/19 18:51	179601-23-1	
o-Xylene	<b>16.8</b>	ug/m3	1.7	0.64	1.87		11/19/19 18:51	95-47-6	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR-Revised Report

Pace Project No.: 35512597

Sample: SS-3	Lab ID: 35512597002	Collected: 11/13/19 11:27	Received: 11/15/19 09:30	Matrix: Air					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Acetone	<b>63.1</b>	ug/m3	5.1	2.5	2.1		11/19/19 19:17	67-64-1	
Benzene	<b>0.36 I</b>	ug/m3	0.68	0.32	2.1		11/19/19 19:17	71-43-2	
Benzyl chloride	<b>2.5 U</b>	ug/m3	5.5	2.5	2.1		11/19/19 19:17	100-44-7	
Bromodichloromethane	<b>0.77 U</b>	ug/m3	2.9	0.77	2.1		11/19/19 19:17	75-27-4	
Bromoform	<b>3.0 U</b>	ug/m3	11.0	3.0	2.1		11/19/19 19:17	75-25-2	
Bromomethane	<b>0.48 U</b>	ug/m3	1.7	0.48	2.1		11/19/19 19:17	74-83-9	
1,3-Butadiene	<b>0.27 U</b>	ug/m3	0.94	0.27	2.1		11/19/19 19:17	106-99-0	
2-Butanone (MEK)	<b>40.1</b>	ug/m3	6.3	0.77	2.1		11/19/19 19:17	78-93-3	
Carbon disulfide	<b>1.4</b>	ug/m3	1.3	0.46	2.1		11/19/19 19:17	75-15-0	
Carbon tetrachloride	<b>0.90 U</b>	ug/m3	2.7	0.90	2.1		11/19/19 19:17	56-23-5	
Chlorobenzene	<b>0.58 U</b>	ug/m3	2.0	0.58	2.1		11/19/19 19:17	108-90-7	
Chloroethane	<b>0.55 U</b>	ug/m3	1.1	0.55	2.1		11/19/19 19:17	75-00-3	
Chloroform	<b>0.41 U</b>	ug/m3	2.1	0.41	2.1		11/19/19 19:17	67-66-3	
Chloromethane	<b>0.91</b>	ug/m3	0.88	0.33	2.1		11/19/19 19:17	74-87-3	
Cyclohexane	<b>2.4 I</b>	ug/m3	3.7	0.74	2.1		11/19/19 19:17	110-82-7	
Dibromochloromethane	<b>1.5 U</b>	ug/m3	3.6	1.5	2.1		11/19/19 19:17	124-48-1	
1,2-Dibromoethane (EDB)	<b>0.77 U</b>	ug/m3	1.6	0.77	2.1		11/19/19 19:17	106-93-4	
1,2-Dichlorobenzene	<b>1.0 U</b>	ug/m3	2.6	1.0	2.1		11/19/19 19:17	95-50-1	
1,3-Dichlorobenzene	<b>1.2 U</b>	ug/m3	2.6	1.2	2.1		11/19/19 19:17	541-73-1	
1,4-Dichlorobenzene	<b>2.1 U</b>	ug/m3	6.4	2.1	2.1		11/19/19 19:17	106-46-7	
Dichlorodifluoromethane	<b>1.8 I</b>	ug/m3	2.1	0.62	2.1		11/19/19 19:17	75-71-8	
1,1-Dichloroethane	<b>0.47 U</b>	ug/m3	1.7	0.47	2.1		11/19/19 19:17	75-34-3	
1,2-Dichloroethane	<b>0.32 U</b>	ug/m3	0.86	0.32	2.1		11/19/19 19:17	107-06-2	
1,1-Dichloroethene	<b>0.58 U</b>	ug/m3	1.7	0.58	2.1		11/19/19 19:17	75-35-4	
cis-1,2-Dichloroethene	<b>0.46 U</b>	ug/m3	1.7	0.46	2.1		11/19/19 19:17	156-59-2	
trans-1,2-Dichloroethene	<b>0.60 U</b>	ug/m3	1.7	0.60	2.1		11/19/19 19:17	156-60-5	
1,2-Dichloropropane	<b>0.48 U</b>	ug/m3	2.0	0.48	2.1		11/19/19 19:17	78-87-5	
cis-1,3-Dichloropropene	<b>0.64 U</b>	ug/m3	1.9	0.64	2.1		11/19/19 19:17	10061-01-5	
trans-1,3-Dichloropropene	<b>0.92 U</b>	ug/m3	1.9	0.92	2.1		11/19/19 19:17	10061-02-6	
Dichlorotetrafluoroethane	<b>0.92 U</b>	ug/m3	3.0	0.92	2.1		11/19/19 19:17	76-14-2	
Ethanol	<b>9.9</b>	ug/m3	4.0	1.7	2.1		11/19/19 19:17	64-17-5	
Ethyl acetate	<b>0.40 U</b>	ug/m3	1.5	0.40	2.1		11/19/19 19:17	141-78-6	
Ethylbenzene	<b>5.1</b>	ug/m3	1.9	0.64	2.1		11/19/19 19:17	100-41-4	
4-Ethyltoluene	<b>2.3 I</b>	ug/m3	5.2	1.2	2.1		11/19/19 19:17	622-96-8	
n-Heptane	<b>0.80 U</b>	ug/m3	1.7	0.80	2.1		11/19/19 19:17	142-82-5	
Hexachloro-1,3-butadiene	<b>4.1 U</b>	ug/m3	11.4	4.1	2.1		11/19/19 19:17	87-68-3	
n-Hexane	<b>5.0</b>	ug/m3	1.5	0.65	2.1		11/19/19 19:17	110-54-3	
2-Hexanone	<b>5.0 I</b>	ug/m3	8.7	1.6	2.1		11/19/19 19:17	591-78-6	
Methylene Chloride	<b>29.9</b>	ug/m3	7.4	2.5	2.1		11/19/19 19:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>1.1 U</b>	ug/m3	8.7	1.1	2.1		11/19/19 19:17	108-10-1	
Methyl-tert-butyl ether	<b>1.4 U</b>	ug/m3	7.7	1.4	2.1		11/19/19 19:17	1634-04-4	
Naphthalene	<b>2.8 I</b>	ug/m3	5.6	2.8	2.1		11/19/19 19:17	91-20-3	
2-Propanol	<b>6.8</b>	ug/m3	5.2	1.5	2.1		11/19/19 19:17	67-63-0	
Propylene	<b>4.7</b>	ug/m3	0.74	0.29	2.1		11/19/19 19:17	115-07-1	
Styrene	<b>3.5</b>	ug/m3	1.8	0.72	2.1		11/19/19 19:17	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.65 U</b>	ug/m3	1.5	0.65	2.1		11/19/19 19:17	79-34-5	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR-Revised Report

Pace Project No.: 35512597

Sample: SS-3	Lab ID: 35512597002	Collected: 11/13/19 11:27	Received: 11/15/19 09:30	Matrix: Air					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Tetrachloroethene	<b>0.66 U</b>	ug/m3	1.4	0.66	2.1		11/19/19 19:17	127-18-4	
Tetrahydrofuran	<b>0.55 U</b>	ug/m3	1.3	0.55	2.1		11/19/19 19:17	109-99-9	
Toluene	<b>9.7</b>	ug/m3	1.6	0.74	2.1		11/19/19 19:17	108-88-3	
1,2,4-Trichlorobenzene	<b>7.8 U</b>	ug/m3	15.8	7.8	2.1		11/19/19 19:17	120-82-1	
1,1,1-Trichloroethane	<b>0.65 U</b>	ug/m3	2.3	0.65	2.1		11/19/19 19:17	71-55-6	
1,1,2-Trichloroethane	<b>0.51 U</b>	ug/m3	1.2	0.51	2.1		11/19/19 19:17	79-00-5	
Trichloroethene	<b>0.53 U</b>	ug/m3	1.1	0.53	2.1		11/19/19 19:17	79-01-6	
Trichlorofluoromethane	<b>0.98 I</b>	ug/m3	2.4	0.77	2.1		11/19/19 19:17	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>1.2 U</b>	ug/m3	3.3	1.2	2.1		11/19/19 19:17	76-13-1	
1,2,4-Trimethylbenzene	<b>6.0</b>	ug/m3	2.1	0.95	2.1		11/19/19 19:17	95-63-6	
1,3,5-Trimethylbenzene	<b>1.9 I</b>	ug/m3	2.1	0.84	2.1		11/19/19 19:17	108-67-8	
Vinyl acetate	<b>0.57 U</b>	ug/m3	1.5	0.57	2.1		11/19/19 19:17	108-05-4	
Vinyl chloride	<b>0.26 U</b>	ug/m3	0.55	0.26	2.1		11/19/19 19:17	75-01-4	
m&p-Xylene	<b>17.0</b>	ug/m3	3.7	1.5	2.1		11/19/19 19:17	179601-23-1	
o-Xylene	<b>10.3</b>	ug/m3	1.9	0.72	2.1		11/19/19 19:17	95-47-6	

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR-Revised Report

Pace Project No.: 35512597

Sample: SG-8	Lab ID: 35512597003	Collected: 11/13/19 12:18	Received: 11/15/19 09:30	Matrix: Air					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Acetone	<b>72.1</b>	ug/m3	4.3	2.2	1.8		11/19/19 19:44	67-64-1	
Benzene	<b>0.51 I</b>	ug/m3	0.58	0.28	1.8		11/19/19 19:44	71-43-2	
Benzyl chloride	<b>2.2 U</b>	ug/m3	4.7	2.2	1.8		11/19/19 19:44	100-44-7	
Bromodichloromethane	<b>0.66 U</b>	ug/m3	2.4	0.66	1.8		11/19/19 19:44	75-27-4	
Bromoform	<b>2.6 U</b>	ug/m3	9.4	2.6	1.8		11/19/19 19:44	75-25-2	
Bromomethane	<b>0.41 U</b>	ug/m3	1.4	0.41	1.8		11/19/19 19:44	74-83-9	
1,3-Butadiene	<b>0.23 U</b>	ug/m3	0.81	0.23	1.8		11/19/19 19:44	106-99-0	
2-Butanone (MEK)	<b>70.6</b>	ug/m3	5.4	0.66	1.8		11/19/19 19:44	78-93-3	
Carbon disulfide	<b>26.1</b>	ug/m3	1.1	0.39	1.8		11/19/19 19:44	75-15-0	
Carbon tetrachloride	<b>0.77 U</b>	ug/m3	2.3	0.77	1.8		11/19/19 19:44	56-23-5	
Chlorobenzene	<b>0.50 U</b>	ug/m3	1.7	0.50	1.8		11/19/19 19:44	108-90-7	
Chloroethane	<b>0.47 U</b>	ug/m3	0.96	0.47	1.8		11/19/19 19:44	75-00-3	
Chloroform	<b>0.35 U</b>	ug/m3	1.8	0.35	1.8		11/19/19 19:44	67-66-3	
Chloromethane	<b>0.28 U</b>	ug/m3	0.76	0.28	1.8		11/19/19 19:44	74-87-3	
Cyclohexane	<b>1.3 I</b>	ug/m3	3.2	0.64	1.8		11/19/19 19:44	110-82-7	
Dibromochloromethane	<b>1.3 U</b>	ug/m3	3.1	1.3	1.8		11/19/19 19:44	124-48-1	
1,2-Dibromoethane (EDB)	<b>0.66 U</b>	ug/m3	1.4	0.66	1.8		11/19/19 19:44	106-93-4	
1,2-Dichlorobenzene	<b>0.90 U</b>	ug/m3	2.2	0.90	1.8		11/19/19 19:44	95-50-1	
1,3-Dichlorobenzene	<b>1.0 U</b>	ug/m3	2.2	1.0	1.8		11/19/19 19:44	541-73-1	
1,4-Dichlorobenzene	<b>1.8 U</b>	ug/m3	5.5	1.8	1.8		11/19/19 19:44	106-46-7	
Dichlorodifluoromethane	<b>1.2 I</b>	ug/m3	1.8	0.53	1.8		11/19/19 19:44	75-71-8	
1,1-Dichloroethane	<b>0.40 U</b>	ug/m3	1.5	0.40	1.8		11/19/19 19:44	75-34-3	
1,2-Dichloroethane	<b>0.27 U</b>	ug/m3	0.74	0.27	1.8		11/19/19 19:44	107-06-2	
1,1-Dichloroethene	<b>0.49 U</b>	ug/m3	1.5	0.49	1.8		11/19/19 19:44	75-35-4	
cis-1,2-Dichloroethene	<b>0.39 U</b>	ug/m3	1.5	0.39	1.8		11/19/19 19:44	156-59-2	
trans-1,2-Dichloroethene	<b>0.51 U</b>	ug/m3	1.5	0.51	1.8		11/19/19 19:44	156-60-5	
1,2-Dichloropropane	<b>0.41 U</b>	ug/m3	1.7	0.41	1.8		11/19/19 19:44	78-87-5	
cis-1,3-Dichloropropene	<b>0.55 U</b>	ug/m3	1.7	0.55	1.8		11/19/19 19:44	10061-01-5	
trans-1,3-Dichloropropene	<b>0.79 U</b>	ug/m3	1.7	0.79	1.8		11/19/19 19:44	10061-02-6	
Dichlorotetrafluoroethane	<b>0.79 U</b>	ug/m3	2.6	0.79	1.8		11/19/19 19:44	76-14-2	
Ethanol	<b>61.0</b>	ug/m3	3.5	1.5	1.8		11/19/19 19:44	64-17-5	
Ethyl acetate	<b>16.3</b>	ug/m3	1.3	0.34	1.8		11/19/19 19:44	141-78-6	
Ethylbenzene	<b>0.70 I</b>	ug/m3	1.6	0.55	1.8		11/19/19 19:44	100-41-4	
4-Ethyltoluene	<b>1.0 U</b>	ug/m3	4.5	1.0	1.8		11/19/19 19:44	622-96-8	
n-Heptane	<b>0.68 U</b>	ug/m3	1.5	0.68	1.8		11/19/19 19:44	142-82-5	
Hexachloro-1,3-butadiene	<b>3.5 U</b>	ug/m3	9.8	3.5	1.8		11/19/19 19:44	87-68-3	
n-Hexane	<b>3.3</b>	ug/m3	1.3	0.56	1.8		11/19/19 19:44	110-54-3	
2-Hexanone	<b>3.9 I</b>	ug/m3	7.5	1.3	1.8		11/19/19 19:44	591-78-6	
Methylene Chloride	<b>19.7</b>	ug/m3	6.4	2.2	1.8		11/19/19 19:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>3.2 I</b>	ug/m3	7.5	0.93	1.8		11/19/19 19:44	108-10-1	
Methyl-tert-butyl ether	<b>1.2 U</b>	ug/m3	6.6	1.2	1.8		11/19/19 19:44	1634-04-4	
Naphthalene	<b>4.9</b>	ug/m3	4.8	2.4	1.8		11/19/19 19:44	91-20-3	
2-Propanol	<b>19.8</b>	ug/m3	4.5	1.3	1.8		11/19/19 19:44	67-63-0	
Propylene	<b>0.25 U</b>	ug/m3	0.63	0.25	1.8		11/19/19 19:44	115-07-1	
Styrene	<b>0.62 U</b>	ug/m3	1.6	0.62	1.8		11/19/19 19:44	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.56 U</b>	ug/m3	1.3	0.56	1.8		11/19/19 19:44	79-34-5	

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR-Revised Report

Pace Project No.: 35512597

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**Sample: SG-8**      **Lab ID: 35512597003**      Collected: 11/13/19 12:18      Received: 11/15/19 09:30      Matrix: Air

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Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Tetrachloroethene	<b>0.57 U</b>	ug/m3		1.2	0.57	1.8		11/19/19 19:44	127-18-4
Tetrahydrofuran	<b>0.47 U</b>	ug/m3		1.1	0.47	1.8		11/19/19 19:44	109-99-9
Toluene	<b>3.8</b>	ug/m3		1.4	0.63	1.8		11/19/19 19:44	108-88-3
1,2,4-Trichlorobenzene	<b>6.7 U</b>	ug/m3		13.6	6.7	1.8		11/19/19 19:44	120-82-1
1,1,1-Trichloroethane	<b>0.56 U</b>	ug/m3		2.0	0.56	1.8		11/19/19 19:44	71-55-6
1,1,2-Trichloroethane	<b>0.44 U</b>	ug/m3		1.0	0.44	1.8		11/19/19 19:44	79-00-5
Trichloroethene	<b>0.46 U</b>	ug/m3		0.98	0.46	1.8		11/19/19 19:44	79-01-6
Trichlorofluoromethane	<b>8.0</b>	ug/m3		2.1	0.66	1.8		11/19/19 19:44	75-69-4
1,1,2-Trichlorotrifluoroethane	<b>1.0 U</b>	ug/m3		2.8	1.0	1.8		11/19/19 19:44	76-13-1
1,2,4-Trimethylbenzene	<b>2.9</b>	ug/m3		1.8	0.81	1.8		11/19/19 19:44	95-63-6
1,3,5-Trimethylbenzene	<b>0.78 I</b>	ug/m3		1.8	0.72	1.8		11/19/19 19:44	108-67-8
Vinyl acetate	<b>0.49 U</b>	ug/m3		1.3	0.49	1.8		11/19/19 19:44	108-05-4
Vinyl chloride	<b>0.23 U</b>	ug/m3		0.47	0.23	1.8		11/19/19 19:44	75-01-4
m&p-Xylene	<b>2.8 I</b>	ug/m3		3.2	1.3	1.8		11/19/19 19:44	179601-23-1
o-Xylene	<b>1.2 I</b>	ug/m3		1.6	0.62	1.8		11/19/19 19:44	95-47-6

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR-Revised Report

Pace Project No.: 35512597

Sample: SG-10	Lab ID: 35512597004	Collected: 11/13/19 13:33	Received: 11/15/19 09:30	Matrix: Air					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Acetone	<b>66.7</b>	ug/m3	4.9	2.4	2.02		11/19/19 20:10	67-64-1	
Benzene	<b>0.60 I</b>	ug/m3	0.66	0.31	2.02		11/19/19 20:10	71-43-2	
Benzyl chloride	<b>2.4 U</b>	ug/m3	5.3	2.4	2.02		11/19/19 20:10	100-44-7	
Bromodichloromethane	<b>0.74 U</b>	ug/m3	2.7	0.74	2.02		11/19/19 20:10	75-27-4	
Bromoform	<b>2.9 U</b>	ug/m3	10.6	2.9	2.02		11/19/19 20:10	75-25-2	
Bromomethane	<b>1.3 I</b>	ug/m3	1.6	0.46	2.02		11/19/19 20:10	74-83-9	
1,3-Butadiene	<b>0.26 U</b>	ug/m3	0.91	0.26	2.02		11/19/19 20:10	106-99-0	
2-Butanone (MEK)	<b>55.0</b>	ug/m3	6.1	0.75	2.02		11/19/19 20:10	78-93-3	
Carbon disulfide	<b>9.9</b>	ug/m3	1.3	0.44	2.02		11/19/19 20:10	75-15-0	
Carbon tetrachloride	<b>0.87 U</b>	ug/m3	2.6	0.87	2.02		11/19/19 20:10	56-23-5	
Chlorobenzene	<b>0.56 U</b>	ug/m3	1.9	0.56	2.02		11/19/19 20:10	108-90-7	
Chloroethane	<b>0.53 U</b>	ug/m3	1.1	0.53	2.02		11/19/19 20:10	75-00-3	
Chloroform	<b>4.8</b>	ug/m3	2.0	0.40	2.02		11/19/19 20:10	67-66-3	
Chloromethane	<b>2.1</b>	ug/m3	0.85	0.32	2.02		11/19/19 20:10	74-87-3	
Cyclohexane	<b>3.0 I</b>	ug/m3	3.5	0.71	2.02		11/19/19 20:10	110-82-7	
Dibromochloromethane	<b>1.5 U</b>	ug/m3	3.5	1.5	2.02		11/19/19 20:10	124-48-1	
1,2-Dibromoethane (EDB)	<b>0.74 U</b>	ug/m3	1.6	0.74	2.02		11/19/19 20:10	106-93-4	
1,2-Dichlorobenzene	<b>1.0 U</b>	ug/m3	2.5	1.0	2.02		11/19/19 20:10	95-50-1	
1,3-Dichlorobenzene	<b>1.2 U</b>	ug/m3	2.5	1.2	2.02		11/19/19 20:10	541-73-1	
1,4-Dichlorobenzene	<b>2.0 U</b>	ug/m3	6.2	2.0	2.02		11/19/19 20:10	106-46-7	
Dichlorodifluoromethane	<b>0.89 I</b>	ug/m3	2.0	0.59	2.02		11/19/19 20:10	75-71-8	
1,1-Dichloroethane	<b>0.45 U</b>	ug/m3	1.7	0.45	2.02		11/19/19 20:10	75-34-3	
1,2-Dichloroethane	<b>0.30 U</b>	ug/m3	0.83	0.30	2.02		11/19/19 20:10	107-06-2	
1,1-Dichloroethene	<b>0.55 U</b>	ug/m3	1.6	0.55	2.02		11/19/19 20:10	75-35-4	
cis-1,2-Dichloroethene	<b>0.44 U</b>	ug/m3	1.6	0.44	2.02		11/19/19 20:10	156-59-2	
trans-1,2-Dichloroethene	<b>0.58 U</b>	ug/m3	1.6	0.58	2.02		11/19/19 20:10	156-60-5	
1,2-Dichloropropane	<b>0.46 U</b>	ug/m3	1.9	0.46	2.02		11/19/19 20:10	78-87-5	
cis-1,3-Dichloropropene	<b>0.61 U</b>	ug/m3	1.9	0.61	2.02		11/19/19 20:10	10061-01-5	
trans-1,3-Dichloropropene	<b>0.89 U</b>	ug/m3	1.9	0.89	2.02		11/19/19 20:10	10061-02-6	
Dichlorotetrafluoroethane	<b>0.88 U</b>	ug/m3	2.9	0.88	2.02		11/19/19 20:10	76-14-2	
Ethanol	<b>18.6</b>	ug/m3	3.9	1.6	2.02		11/19/19 20:10	64-17-5	
Ethyl acetate	<b>0.38 U</b>	ug/m3	1.5	0.38	2.02		11/19/19 20:10	141-78-6	
Ethylbenzene	<b>0.62 U</b>	ug/m3	1.8	0.62	2.02		11/19/19 20:10	100-41-4	
4-Ethyltoluene	<b>1.2 U</b>	ug/m3	5.0	1.2	2.02		11/19/19 20:10	622-96-8	
n-Heptane	<b>0.77 U</b>	ug/m3	1.7	0.77	2.02		11/19/19 20:10	142-82-5	
Hexachloro-1,3-butadiene	<b>4.0 U</b>	ug/m3	10.9	4.0	2.02		11/19/19 20:10	87-68-3	
n-Hexane	<b>14.2</b>	ug/m3	1.4	0.63	2.02		11/19/19 20:10	110-54-3	
2-Hexanone	<b>3.9 I</b>	ug/m3	8.4	1.5	2.02		11/19/19 20:10	591-78-6	
Methylene Chloride	<b>60.6</b>	ug/m3	7.1	2.4	2.02		11/19/19 20:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>1.6 I</b>	ug/m3	8.4	1.0	2.02		11/19/19 20:10	108-10-1	
Methyl-tert-butyl ether	<b>1.3 U</b>	ug/m3	7.4	1.3	2.02		11/19/19 20:10	1634-04-4	
Naphthalene	<b>2.6 U</b>	ug/m3	5.4	2.6	2.02		11/19/19 20:10	91-20-3	
2-Propanol	<b>5.2</b>	ug/m3	5.0	1.4	2.02		11/19/19 20:10	67-63-0	
Propylene	<b>25.4</b>	ug/m3	0.71	0.28	2.02		11/19/19 20:10	115-07-1	
Styrene	<b>0.69 U</b>	ug/m3	1.7	0.69	2.02		11/19/19 20:10	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.62 U</b>	ug/m3	1.4	0.62	2.02		11/19/19 20:10	79-34-5	

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR-Revised Report

Pace Project No.: 35512597

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**Sample: SG-10                    Lab ID: 35512597004            Collected: 11/13/19 13:33            Received: 11/15/19 09:30            Matrix: Air**


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Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Tetrachloroethene	<b>87.9</b>	ug/m3	1.4	0.63	2.02		11/19/19 20:10	127-18-4	
Tetrahydrofuran	<b>0.53 U</b>	ug/m3	1.2	0.53	2.02		11/19/19 20:10	109-99-9	
Toluene	<b>3.2</b>	ug/m3	1.5	0.71	2.02		11/19/19 20:10	108-88-3	
1,2,4-Trichlorobenzene	<b>7.5 U</b>	ug/m3	15.2	7.5	2.02		11/19/19 20:10	120-82-1	
1,1,1-Trichloroethane	<b>0.62 U</b>	ug/m3	2.2	0.62	2.02		11/19/19 20:10	71-55-6	
1,1,2-Trichloroethane	<b>0.49 U</b>	ug/m3	1.1	0.49	2.02		11/19/19 20:10	79-00-5	
Trichloroethene	<b>6.5</b>	ug/m3	1.1	0.51	2.02		11/19/19 20:10	79-01-6	
Trichlorofluoromethane	<b>9.2</b>	ug/m3	2.3	0.74	2.02		11/19/19 20:10	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>158</b>	ug/m3	3.2	1.1	2.02		11/19/19 20:10	76-13-1	
1,2,4-Trimethylbenzene	<b>0.96 I</b>	ug/m3	2.0	0.91	2.02		11/19/19 20:10	95-63-6	
1,3,5-Trimethylbenzene	<b>0.81 U</b>	ug/m3	2.0	0.81	2.02		11/19/19 20:10	108-67-8	
Vinyl acetate	<b>0.55 U</b>	ug/m3	1.4	0.55	2.02		11/19/19 20:10	108-05-4	
Vinyl chloride	<b>0.25 U</b>	ug/m3	0.53	0.25	2.02		11/19/19 20:10	75-01-4	
m&p-Xylene	<b>1.4 I</b>	ug/m3	3.6	1.4	2.02		11/19/19 20:10	179601-23-1	
o-Xylene	<b>0.69 U</b>	ug/m3	1.8	0.69	2.02		11/19/19 20:10	95-47-6	

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR-Revised Report

Pace Project No.: 35512597

Sample: SG-13	Lab ID: 35512597005	Collected: 11/13/19 14:24	Received: 11/15/19 09:30	Matrix: Air					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Acetone	<b>50.6</b>	ug/m3	5.1	2.5	2.1		11/19/19 20:37	67-64-1	
Benzene	<b>1.5</b>	ug/m3	0.68	0.32	2.1		11/19/19 20:37	71-43-2	
Benzyl chloride	<b>2.5 U</b>	ug/m3	5.5	2.5	2.1		11/19/19 20:37	100-44-7	
Bromodichloromethane	<b>0.77 U</b>	ug/m3	2.9	0.77	2.1		11/19/19 20:37	75-27-4	
Bromoform	<b>3.0 U</b>	ug/m3	11.0	3.0	2.1		11/19/19 20:37	75-25-2	
Bromomethane	<b>0.48 U</b>	ug/m3	1.7	0.48	2.1		11/19/19 20:37	74-83-9	
1,3-Butadiene	<b>0.27 U</b>	ug/m3	0.94	0.27	2.1		11/19/19 20:37	106-99-0	
2-Butanone (MEK)	<b>29.1</b>	ug/m3	6.3	0.77	2.1		11/19/19 20:37	78-93-3	
Carbon disulfide	<b>2.3</b>	ug/m3	1.3	0.46	2.1		11/19/19 20:37	75-15-0	
Carbon tetrachloride	<b>0.90 U</b>	ug/m3	2.7	0.90	2.1		11/19/19 20:37	56-23-5	
Chlorobenzene	<b>0.58 U</b>	ug/m3	2.0	0.58	2.1		11/19/19 20:37	108-90-7	
Chloroethane	<b>0.55 U</b>	ug/m3	1.1	0.55	2.1		11/19/19 20:37	75-00-3	
Chloroform	<b>5.3</b>	ug/m3	2.1	0.41	2.1		11/19/19 20:37	67-66-3	
Chloromethane	<b>0.33 U</b>	ug/m3	0.88	0.33	2.1		11/19/19 20:37	74-87-3	
Cyclohexane	<b>0.74 U</b>	ug/m3	3.7	0.74	2.1		11/19/19 20:37	110-82-7	
Dibromochloromethane	<b>1.5 U</b>	ug/m3	3.6	1.5	2.1		11/19/19 20:37	124-48-1	
1,2-Dibromoethane (EDB)	<b>0.77 U</b>	ug/m3	1.6	0.77	2.1		11/19/19 20:37	106-93-4	
1,2-Dichlorobenzene	<b>1.0 U</b>	ug/m3	2.6	1.0	2.1		11/19/19 20:37	95-50-1	
1,3-Dichlorobenzene	<b>1.2 U</b>	ug/m3	2.6	1.2	2.1		11/19/19 20:37	541-73-1	
1,4-Dichlorobenzene	<b>2.1 U</b>	ug/m3	6.4	2.1	2.1		11/19/19 20:37	106-46-7	
Dichlorodifluoromethane	<b>2.2</b>	ug/m3	2.1	0.62	2.1		11/19/19 20:37	75-71-8	
1,1-Dichloroethane	<b>0.47 U</b>	ug/m3	1.7	0.47	2.1		11/19/19 20:37	75-34-3	
1,2-Dichloroethane	<b>0.32 U</b>	ug/m3	0.86	0.32	2.1		11/19/19 20:37	107-06-2	
1,1-Dichloroethene	<b>0.58 U</b>	ug/m3	1.7	0.58	2.1		11/19/19 20:37	75-35-4	
cis-1,2-Dichloroethene	<b>0.46 U</b>	ug/m3	1.7	0.46	2.1		11/19/19 20:37	156-59-2	
trans-1,2-Dichloroethene	<b>0.60 U</b>	ug/m3	1.7	0.60	2.1		11/19/19 20:37	156-60-5	
1,2-Dichloropropane	<b>0.48 U</b>	ug/m3	2.0	0.48	2.1		11/19/19 20:37	78-87-5	
cis-1,3-Dichloropropene	<b>0.64 U</b>	ug/m3	1.9	0.64	2.1		11/19/19 20:37	10061-01-5	
trans-1,3-Dichloropropene	<b>0.92 U</b>	ug/m3	1.9	0.92	2.1		11/19/19 20:37	10061-02-6	
Dichlorotetrafluoroethane	<b>0.92 U</b>	ug/m3	3.0	0.92	2.1		11/19/19 20:37	76-14-2	
Ethanol	<b>16.3</b>	ug/m3	4.0	1.7	2.1		11/19/19 20:37	64-17-5	
Ethyl acetate	<b>0.40 U</b>	ug/m3	1.5	0.40	2.1		11/19/19 20:37	141-78-6	
Ethylbenzene	<b>0.91 I</b>	ug/m3	1.9	0.64	2.1		11/19/19 20:37	100-41-4	
4-Ethyltoluene	<b>1.2 U</b>	ug/m3	5.2	1.2	2.1		11/19/19 20:37	622-96-8	
n-Heptane	<b>0.80 U</b>	ug/m3	1.7	0.80	2.1		11/19/19 20:37	142-82-5	
Hexachloro-1,3-butadiene	<b>4.1 U</b>	ug/m3	11.4	4.1	2.1		11/19/19 20:37	87-68-3	
n-Hexane	<b>19.9</b>	ug/m3	1.5	0.65	2.1		11/19/19 20:37	110-54-3	
2-Hexanone	<b>4.0 I</b>	ug/m3	8.7	1.6	2.1		11/19/19 20:37	591-78-6	
Methylene Chloride	<b>69.6</b>	ug/m3	7.4	2.5	2.1		11/19/19 20:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>4.0 I</b>	ug/m3	8.7	1.1	2.1		11/19/19 20:37	108-10-1	
Methyl-tert-butyl ether	<b>1.4 U</b>	ug/m3	7.7	1.4	2.1		11/19/19 20:37	1634-04-4	
Naphthalene	<b>2.8 U</b>	ug/m3	5.6	2.8	2.1		11/19/19 20:37	91-20-3	
2-Propanol	<b>11.2</b>	ug/m3	5.2	1.5	2.1		11/19/19 20:37	67-63-0	
Propylene	<b>0.29 U</b>	ug/m3	0.74	0.29	2.1		11/19/19 20:37	115-07-1	
Styrene	<b>0.72 U</b>	ug/m3	1.8	0.72	2.1		11/19/19 20:37	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.65 U</b>	ug/m3	1.5	0.65	2.1		11/19/19 20:37	79-34-5	

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR-Revised Report

Pace Project No.: 35512597

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Sample: SG-13      Lab ID: 35512597005      Collected: 11/13/19 14:24      Received: 11/15/19 09:30      Matrix: Air

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Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>	Analytical Method: TO-15								
Tetrachloroethene	11.1	ug/m3	1.4	0.66	2.1		11/19/19 20:37	127-18-4	
Tetrahydrofuran	0.55 U	ug/m3	1.3	0.55	2.1		11/19/19 20:37	109-99-9	
Toluene	4.5	ug/m3	1.6	0.74	2.1		11/19/19 20:37	108-88-3	
1,2,4-Trichlorobenzene	7.8 U	ug/m3	15.8	7.8	2.1		11/19/19 20:37	120-82-1	
1,1,1-Trichloroethane	0.65 U	ug/m3	2.3	0.65	2.1		11/19/19 20:37	71-55-6	
1,1,2-Trichloroethane	0.51 U	ug/m3	1.2	0.51	2.1		11/19/19 20:37	79-00-5	
Trichloroethene	8.5	ug/m3	1.1	0.53	2.1		11/19/19 20:37	79-01-6	
Trichlorofluoromethane	10.9	ug/m3	2.4	0.77	2.1		11/19/19 20:37	75-69-4	
1,1,2-Trichlorotrifluoroethane	25.0	ug/m3	3.3	1.2	2.1		11/19/19 20:37	76-13-1	
1,2,4-Trimethylbenzene	1.8 I	ug/m3	2.1	0.95	2.1		11/19/19 20:37	95-63-6	
1,3,5-Trimethylbenzene	0.84 U	ug/m3	2.1	0.84	2.1		11/19/19 20:37	108-67-8	
Vinyl acetate	0.57 U	ug/m3	1.5	0.57	2.1		11/19/19 20:37	108-05-4	
Vinyl chloride	0.26 U	ug/m3	0.55	0.26	2.1		11/19/19 20:37	75-01-4	
m&p-Xylene	3.7 I	ug/m3	3.7	1.5	2.1		11/19/19 20:37	179601-23-1	
o-Xylene	2.4	ug/m3	1.9	0.72	2.1		11/19/19 20:37	95-47-6	

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR-Revised Report

Pace Project No.: 35512597

QC Batch:	645821	Analysis Method:	TO-15
QC Batch Method:	TO-15	Analysis Description:	TO15 MSV AIR Low Level
Associated Lab Samples:	35512597001, 35512597002, 35512597003, 35512597004, 35512597005		

METHOD BLANK: 3476070                          Matrix: Air

Associated Lab Samples: 35512597001, 35512597002, 35512597003, 35512597004, 35512597005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	0.15 U	0.56	0.15	11/19/19 08:47	
1,1,2,2-Tetrachloroethane	ug/m3	0.15 U	0.35	0.15	11/19/19 08:47	
1,1,2-Trichloroethane	ug/m3	0.12 U	0.28	0.12	11/19/19 08:47	
1,1,2-Trichlorotrifluoroethane	ug/m3	0.28 U	0.78	0.28	11/19/19 08:47	
1,1-Dichloroethane	ug/m3	0.11 U	0.41	0.11	11/19/19 08:47	
1,1-Dichloroethene	ug/m3	0.14 U	0.40	0.14	11/19/19 08:47	
1,2,4-Trichlorobenzene	ug/m3	1.9 U	3.8	1.9	11/19/19 08:47	
1,2,4-Trimethylbenzene	ug/m3	0.23 U	0.50	0.23	11/19/19 08:47	
1,2-Dibromoethane (EDB)	ug/m3	0.18 U	0.39	0.18	11/19/19 08:47	
1,2-Dichlorobenzene	ug/m3	0.25 U	0.61	0.25	11/19/19 08:47	
1,2-Dichloroethane	ug/m3	0.075 U	0.21	0.075	11/19/19 08:47	
1,2-Dichloropropane	ug/m3	0.12 U	0.47	0.12	11/19/19 08:47	
1,3,5-Trimethylbenzene	ug/m3	0.20 U	0.50	0.20	11/19/19 08:47	
1,3-Butadiene	ug/m3	0.064 U	0.22	0.064	11/19/19 08:47	
1,3-Dichlorobenzene	ug/m3	0.29 U	0.61	0.29	11/19/19 08:47	
1,4-Dichlorobenzene	ug/m3	0.50 U	1.5	0.50	11/19/19 08:47	
2-Butanone (MEK)	ug/m3	0.18 U	1.5	0.18	11/19/19 08:47	
2-Hexanone	ug/m3	0.37 U	2.1	0.37	11/19/19 08:47	
2-Propanol	ug/m3	0.35 U	1.2	0.35	11/19/19 08:47	
4-Ethyltoluene	ug/m3	0.28 U	1.2	0.28	11/19/19 08:47	
4-Methyl-2-pentanone (MIBK)	ug/m3	0.26 U	2.1	0.26	11/19/19 08:47	
Acetone	ug/m3	0.60 U	1.2	0.60	11/19/19 08:47	
Benzene	ug/m3	0.076 U	0.16	0.076	11/19/19 08:47	
Benzyl chloride	ug/m3	0.60 U	1.3	0.60	11/19/19 08:47	
Bromodichloromethane	ug/m3	0.18 U	0.68	0.18	11/19/19 08:47	
Bromoform	ug/m3	0.71 U	2.6	0.71	11/19/19 08:47	
Bromomethane	ug/m3	0.11 U	0.39	0.11	11/19/19 08:47	
Carbon disulfide	ug/m3	0.11 U	0.32	0.11	11/19/19 08:47	
Carbon tetrachloride	ug/m3	0.21 U	0.64	0.21	11/19/19 08:47	
Chlorobenzene	ug/m3	0.14 U	0.47	0.14	11/19/19 08:47	
Chloroethane	ug/m3	0.13 U	0.27	0.13	11/19/19 08:47	
Chloroform	ug/m3	0.098 U	0.50	0.098	11/19/19 08:47	MN
Chloromethane	ug/m3	0.078 U	0.21	0.078	11/19/19 08:47	
cis-1,2-Dichloroethene	ug/m3	0.11 U	0.40	0.11	11/19/19 08:47	
cis-1,3-Dichloropropene	ug/m3	0.15 U	0.46	0.15	11/19/19 08:47	
Cyclohexane	ug/m3	0.18 U	0.88	0.18	11/19/19 08:47	
Dibromochloromethane	ug/m3	0.36 U	0.86	0.36	11/19/19 08:47	
Dichlorodifluoromethane	ug/m3	0.15 U	0.50	0.15	11/19/19 08:47	
Dichlorotetrafluoroethane	ug/m3	0.22 U	0.71	0.22	11/19/19 08:47	
Ethanol	ug/m3	0.41 U	0.96	0.41	11/19/19 08:47	
Ethyl acetate	ug/m3	0.095 U	0.37	0.095	11/19/19 08:47	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR-Revised Report

Pace Project No.: 35512597

METHOD BLANK: 3476070

Matrix: Air

Associated Lab Samples: 35512597001, 35512597002, 35512597003, 35512597004, 35512597005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/m3	0.15 U	0.44	0.15	11/19/19 08:47	
Hexachloro-1,3-butadiene	ug/m3	0.98 U	2.7	0.98	11/19/19 08:47	
m&p-Xylene	ug/m3	0.35 U	0.88	0.35	11/19/19 08:47	
Methyl-tert-butyl ether	ug/m3	0.33 U	1.8	0.33	11/19/19 08:47	
Methylene Chloride	ug/m3	0.60 U	1.8	0.60	11/19/19 08:47	
n-Heptane	ug/m3	0.19 U	0.42	0.19	11/19/19 08:47	
n-Hexane	ug/m3	0.16 U	0.36	0.16	11/19/19 08:47	
Naphthalene	ug/m3	0.66 U	1.3	0.66	11/19/19 08:47	
o-Xylene	ug/m3	0.17 U	0.44	0.17	11/19/19 08:47	
Propylene	ug/m3	0.070 U	0.18	0.070	11/19/19 08:47	
Styrene	ug/m3	0.17 U	0.43	0.17	11/19/19 08:47	
Tetrachloroethene	ug/m3	0.16 U	0.34	0.16	11/19/19 08:47	
Tetrahydrofuran	ug/m3	0.13 U	0.30	0.13	11/19/19 08:47	
Toluene	ug/m3	0.18 U	0.38	0.18	11/19/19 08:47	
trans-1,2-Dichloroethene	ug/m3	0.14 U	0.40	0.14	11/19/19 08:47	
trans-1,3-Dichloropropene	ug/m3	0.22 U	0.46	0.22	11/19/19 08:47	
Trichloroethene	ug/m3	0.13 U	0.27	0.13	11/19/19 08:47	
Trichlorofluoromethane	ug/m3	0.18 U	0.57	0.18	11/19/19 08:47	
Vinyl acetate	ug/m3	0.14 U	0.36	0.14	11/19/19 08:47	
Vinyl chloride	ug/m3	0.063 U	0.13	0.063	11/19/19 08:47	

LABORATORY CONTROL SAMPLE: 3476071

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	56.7	102	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	78.0	112	70-132	
1,1,2-Trichloroethane	ug/m3	55.5	61.0	110	70-130	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	77.6	100	70-130	
1,1-Dichloroethane	ug/m3	41.1	42.4	103	70-130	
1,1-Dichloroethene	ug/m3	40.3	41.2	102	70-130	
1,2,4-Trichlorobenzene	ug/m3	75.4	79.9	106	56-130	
1,2,4-Trimethylbenzene	ug/m3	50	60.6	121	70-134	
1,2-Dibromoethane (EDB)	ug/m3	78.1	85.5	109	70-130	
1,2-Dichlorobenzene	ug/m3	61.1	73.0	119	70-132	
1,2-Dichloroethane	ug/m3	41.1	42.7	104	70-130	
1,2-Dichloropropane	ug/m3	47	48.7	104	70-130	
1,3,5-Trimethylbenzene	ug/m3	50	60.4	121	70-132	
1,3-Butadiene	ug/m3	22.5	24.2	107	65-130	
1,3-Dichlorobenzene	ug/m3	61.1	73.8	121	70-137	
1,4-Dichlorobenzene	ug/m3	61.1	73.9	121	70-134	
2-Butanone (MEK)	ug/m3	30	34.5	115	70-130	
2-Hexanone	ug/m3	41.6	53.2	128	70-135	
2-Propanol	ug/m3	125	127	102	68-130	
4-Ethyltoluene	ug/m3	50	59.8	120	70-138	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR-Revised Report

Pace Project No.: 35512597

**LABORATORY CONTROL SAMPLE: 3476071**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	41.6	49.1	118	70-131	
Acetone	ug/m3	121	125	103	67-130	
Benzene	ug/m3	32.5	37.3	115	70-130	
Benzyl chloride	ug/m3	52.6	61.7	117	70-130	
Bromodichloromethane	ug/m3	68.1	70.4	103	70-130	
Bromoform	ug/m3	105	119	113	70-132	
Bromomethane	ug/m3	39.5	38.5	98	69-130	
Carbon disulfide	ug/m3	31.6	31.1	98	56-137	
Carbon tetrachloride	ug/m3	64	67.4	105	66-131	
Chlorobenzene	ug/m3	46.8	49.4	106	70-130	
Chloroethane	ug/m3	26.8	32.6	122	70-130	
Chloroform	ug/m3	49.6	59.3	119	70-130	
Chloromethane	ug/m3	21	21.1	101	66-130	
cis-1,2-Dichloroethene	ug/m3	40.3	43.3	107	70-130	
cis-1,3-Dichloropropene	ug/m3	46.1	51.7	112	70-133	
Cyclohexane	ug/m3	35	40.4	115	68-132	
Dibromochloromethane	ug/m3	86.6	104	120	70-130	
Dichlorodifluoromethane	ug/m3	50.3	49.8	99	70-130	
Dichlorotetrafluoroethane	ug/m3	71	70.9	100	70-130	
Ethanol	ug/m3	95.8	98.8	103	68-133	
Ethyl acetate	ug/m3	36.6	38.8	106	69-130	
Ethylbenzene	ug/m3	44.1	54.4	123	67-131	
Hexachloro-1,3-butadiene	ug/m3	108	131	121	66-137	
m&p-Xylene	ug/m3	88.3	111	125	70-132	
Methyl-tert-butyl ether	ug/m3	36.6	39.7	108	70-130	
Methylene Chloride	ug/m3	177	181	103	65-130	
n-Heptane	ug/m3	41.7	43.7	105	65-130	
n-Hexane	ug/m3	35.8	36.9	103	66-130	
Naphthalene	ug/m3	53.3	57.4	108	56-130	
o-Xylene	ug/m3	44.1	53.7	122	70-130	
Propylene	ug/m3	17.5	18.1	103	67-130	
Styrene	ug/m3	43.3	51.5	119	69-136	
Tetrachloroethene	ug/m3	68.9	83.7	121	70-130	
Tetrahydrofuran	ug/m3	30	35.7	119	68-131	
Toluene	ug/m3	38.3	44.5	116	70-130	
trans-1,2-Dichloroethene	ug/m3	40.3	41.8	104	70-130	
trans-1,3-Dichloropropene	ug/m3	46.1	54.8	119	70-134	
Trichloroethene	ug/m3	54.6	64.2	118	70-130	
Trichlorofluoromethane	ug/m3	57.1	56.9	100	65-130	
Vinyl acetate	ug/m3	35.8	40.5	113	61-133	
Vinyl chloride	ug/m3	26	26.5	102	70-130	

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## QUALIFIERS

Project: Pfizer-Carolina PR-Revised Report  
Pace Project No.: 35512597

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

### ANALYTE QUALIFIERS

- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- U Compound was analyzed for but not detected.
- MN The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

## REPORT OF LABORATORY ANALYSIS

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## **QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: Pfizer-Carolina PR-Revised Report

Pace Project No.: 35512597

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35512597001	SS-1	TO-15	645821		
35512597002	SS-3	TO-15	645821		
35512597003	SG-8	TO-15	645821		
35512597004	SG-10	TO-15	645821		
35512597005	SG-13	TO-15	645821		

## **REPORT OF LABORATORY ANALYSIS**

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www.paceanalytical.com

# AIR: CHAIN-OF-CUSTODY /

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant information must be handwritten.

**W# : 35512597**  
  
**35512597**

**Section A**

## Required Client Information:

Company: <b>Golder Associates, Inc.</b>	Report To: <b>Matt Crevans</b>
Address: <b>428 Baymeadow Road</b>	Copy To:
<b>Suite 200, Tatesville FL 32084</b>	Address:
Email To: <b>Matt - Golder@golder.com</b>	Purchase Order No.:
Phone: <b>(904) 363-3345</b>	Project Name: <b>7F2E2, Parcina</b>
Requested Due Date/AT:	Project Number: <b>355621</b>

**Section C**

## Invoice Information:

ITEM #	AIR SAMPLE ID	COLLECTED		Summa Can Number	Flow Control Number	Method:
		DATE	TIME			
1	SS-1	11/13/09	10:09	11/13/09 10:24	230	30 2 9 8 3 0 6 7 2
2	SS-2	11/13/09	11:22	11/13/09 11:27	30 50	3 1 1 2 1 6 4 7
3	SG-8	11/13/09	12:05	11/13/09 12:09	30	2 0 2 9 0 0 0 1 7 7
4	SG-10	11/13/09	13:24	11/13/09 13:33	30 30	2 5 8 4 0 1 6 7
5	SG-13	11/13/09	13:50	11/13/09 13:55	19:24	30 50 2 8 7 9 0 2 3 9
6						
7						
8						
9						
10						
11						
12						

## Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
<b>K. Crevans</b>	<b>11/13/09 9:30</b>	<b>11/13/09 9:30</b>	<b>K. Crevans</b>	<b>11/13/09 9:30</b>	<b>11/13/09 9:30</b>	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

Temp In °C	Received on	ICP	ICP	ICP	ICP	ICP
V/N	V/N	V/N	V/N	V/N	V/N	V/N
Spilled Container	Cutaday	Cutaday	Cutaday	Cutaday	Cutaday	Cutaday
V/N	V/N	V/N	V/N	V/N	V/N	V/N
Samples intact	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
V/N	V/N	V/N	V/N	V/N	V/N	V/N



Document Name:  
Air Sample Condition Upon Receipt  
Document No.:  
FMN-A-106-rev.19

Document Revised: 14Oct2019  
Page 1 of 1  
Issuing Authority:  
Pace Minnesota Quality Office

Air Sample Condition  
Upon Receipt

Client Name:  
G.A.-1

Project #:

WO# : 35512597

Courier:  FedEx  UPS  USPS  Client  
 Pace  SpeeDee  Commercial See Exception

Tracking Number: 145 1596 6736

PM: TSR

Due Date: 12/03/19

CLIENT: GOLASC

Custody Seal on Cooler/Box Present?  Yes  No Seals Intact?  Yes  No

Packing Material:  Bubble Wrap  Bubble Bags  Foam  None  Tin Can  Other: \_\_\_\_\_ Temp Blank rec:  Yes  No

Temp. (TO17 and TO13 samples only) (°C): X Corrected Temp (°C): X

Thermometer Used:  G87A9170600254  
 G87A9155100842

Temp should be above freezing to 6°C Correction Factor: X

Date & Initials of Person Examining Contents: 11/15/19 CMY

Type of ice Received  Blue  Wet  None

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4. 11/15/19 CMY
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Media: Air Can Airbag Filter TDT Passive		11. Individually Certified Cans Y (N) (list which samples)
Is sufficient information available to reconcile samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
Do cans need to be pressurized? (DO NOT PRESSURIZE 3C or ASTM 1946!!!)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13.

Gauge #  10AIR26  10AIR34  10AIR35  4097

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
SS-1	2983	0672	-3	+5					
SS-2	3112	1647	-6	+5					
SG-8	2906	0177	-2	+5					
SG-10	2584	0167	-5	+5					
SG-13	2879	0239	-6	+5					
UNUSED	1140	0058	-28	—					
UNUSED	2529	0168	-25	—					
UNUSED	2960	0176	-28	—					

CLIENT NOTIFICATION/RESOLUTION

Field Data Required?  Yes  No

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/Resolution: \_\_\_\_\_

Project Manager Review:

Date:

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

November 22, 2019

Mr. Matt Crews, PE  
Golder Associates, Inc.  
9428 Baymeadows Road  
Suite 400  
Jacksonville, FL 32256

RE: Project: Pfizer-Carolina PR  
Pace Project No.: 35512654

Dear Mr. Crews, PE:

Enclosed are the analytical results for sample(s) received by the laboratory on November 15, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Todd Rea  
todd.rea@pacelabs.com  
(904) 903-7948  
Project Manager

Enclosures

cc: Jax\_Labdata, Golder Associates, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: Pfizer-Carolina PR  
Pace Project No.: 35512654

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### Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174  
Alaska DEC- CS/UST/LUST  
Alabama Certification #: 41320  
Arizona Certification# AZ0819  
Colorado Certification: FL NELAC Reciprocity  
Connecticut Certification #: PH-0216  
Delaware Certification: FL NELAC Reciprocity  
Florida Certification #: E83079  
Georgia Certification #: 955  
Guam Certification: FL NELAC Reciprocity  
Hawaii Certification: FL NELAC Reciprocity  
Illinois Certification #: 200068  
Indiana Certification: FL NELAC Reciprocity  
Kansas Certification #: E-10383  
Kentucky Certification #: 90050  
Louisiana Certification #: FL NELAC Reciprocity  
Louisiana Environmental Certificate #: 05007  
Maryland Certification: #346  
Michigan Certification #: 9911  
Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236  
Montana Certification #: Cert 0074  
Nebraska Certification: NE-OS-28-14  
New Hampshire Certification #: 2958  
New Jersey Certification #: FL022  
New York Certification #: 11608  
North Carolina Environmental Certificate #: 667  
North Carolina Certification #: 12710  
North Dakota Certification #: R-216  
Oklahoma Certification #: D9947  
Pennsylvania Certification #: 68-00547  
Puerto Rico Certification #: FL01264  
South Carolina Certification: #96042001  
Tennessee Certification #: TN02974  
Texas Certification: FL NELAC Reciprocity  
US Virgin Islands Certification: FL NELAC Reciprocity  
Virginia Environmental Certification #: 460165  
West Virginia Certification #: 9962C  
Wisconsin Certification #: 399079670  
Wyoming (EPA Region 8): FL NELAC Reciprocity

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: Pfizer-Carolina PR  
Pace Project No.: 35512654

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35512654001	SG-16	Water	11/13/19 16:48	11/15/19 10:56
35512654002	INJ-16	Water	11/13/19 16:18	11/15/19 10:56

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## SAMPLE ANALYTE COUNT

Project: Pfizer-Carolina PR  
Pace Project No.: 35512654

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35512654001	SG-16	EPA 8260	SK1	57	PASI-O
35512654002	INJ-16	EPA 8260	SK1, VAA	34	PASI-O

## REPORT OF LABORATORY ANALYSIS

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## SUMMARY OF DETECTION

Project: Pfizer-Carolina PR  
Pace Project No.: 35512654

Lab Sample ID	Client Sample ID						
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers	
<b>35512654001</b>	<b>SG-16</b>						
EPA 8260	Acetone	28.2	ug/L	20.0	11/21/19 10:16		
EPA 8260	Ethylbenzene	7.3	ug/L	1.0	11/21/19 10:16		
EPA 8260	Isopropylbenzene (Cumene)	0.30 l	ug/L	1.0	11/21/19 10:16		
EPA 8260	Toluene	1.6	ug/L	1.0	11/21/19 10:16		
EPA 8260	1,2,4-Trimethylbenzene	5.4	ug/L	1.0	11/21/19 10:16		
EPA 8260	1,3,5-Trimethylbenzene	4.6	ug/L	1.0	11/21/19 10:16		
EPA 8260	Xylene (Total)	49.3	ug/L	5.0	11/21/19 10:16		
EPA 8260	m&p-Xylene	33.6	ug/L	4.0	11/21/19 10:16		
EPA 8260	o-Xylene	15.7	ug/L	1.0	11/21/19 10:16		
<b>35512654002</b>	<b>INJ-16</b>						
EPA 8260	1,2-Dichloroethene (Total)	471	ug/L	10.0	11/22/19 01:39	N2	
EPA 8260	1,1-Dichloroethene	1.1	ug/L	1.0	11/21/19 09:52		
EPA 8260	cis-1,2-Dichloroethene	395	ug/L	10.0	11/22/19 01:39		
EPA 8260	trans-1,2-Dichloroethene	75.8	ug/L	1.0	11/21/19 09:52		
EPA 8260	Trichloroethene	0.40 l	ug/L	1.0	11/21/19 09:52		
EPA 8260	Vinyl chloride	160	ug/L	1.0	11/21/19 09:52		

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR  
Pace Project No.: 35512654

Sample: SG-16	Lab ID: 35512654001	Collected: 11/13/19 16:48	Received: 11/15/19 10:56	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260								
Acetone	<b>28.2</b>	ug/L	20.0	5.3	1		11/21/19 10:16	67-64-1	
Acetonitrile	<b>24.5 U</b>	ug/L	40.0	24.5	1		11/21/19 10:16	75-05-8	
Benzene	<b>0.30 U</b>	ug/L	1.0	0.30	1		11/21/19 10:16	71-43-2	
Bromochloromethane	<b>0.37 U</b>	ug/L	1.0	0.37	1		11/21/19 10:16	74-97-5	
Bromodichloromethane	<b>0.19 U</b>	ug/L	0.60	0.19	1		11/21/19 10:16	75-27-4	
Bromoform	<b>2.6 U</b>	ug/L	3.0	2.6	1		11/21/19 10:16	75-25-2	
Bromomethane	<b>4.0 U</b>	ug/L	5.0	4.0	1		11/21/19 10:16	74-83-9	J(v2)
2-Butanone (MEK)	<b>7.5 U</b>	ug/L	10.0	7.5	1		11/21/19 10:16	78-93-3	
Carbon disulfide	<b>0.45 U</b>	ug/L	10.0	0.45	1		11/21/19 10:16	75-15-0	
Carbon tetrachloride	<b>1.1 U</b>	ug/L	3.0	1.1	1		11/21/19 10:16	56-23-5	
Chlorobenzene	<b>0.35 U</b>	ug/L	1.0	0.35	1		11/21/19 10:16	108-90-7	
Chloroethane	<b>3.7 U</b>	ug/L	10.0	3.7	1		11/21/19 10:16	75-00-3	
Chloroform	<b>0.32 U</b>	ug/L	1.0	0.32	1		11/21/19 10:16	67-66-3	
Chloromethane	<b>0.97 U</b>	ug/L	1.0	0.97	1		11/21/19 10:16	74-87-3	
1,2-Dibromo-3-chloropropane	<b>1.9 U</b>	ug/L	5.0	1.9	1		11/21/19 10:16	96-12-8	
Dibromochloromethane	<b>0.45 U</b>	ug/L	2.0	0.45	1		11/21/19 10:16	124-48-1	
1,2-Dibromoethane (EDB)	<b>0.31 U</b>	ug/L	1.0	0.31	1		11/21/19 10:16	106-93-4	
Dibromomethane	<b>0.68 U</b>	ug/L	2.0	0.68	1		11/21/19 10:16	74-95-3	
1,2-Dichlorobenzene	<b>0.29 U</b>	ug/L	1.0	0.29	1		11/21/19 10:16	95-50-1	
1,4-Dichlorobenzene	<b>0.28 U</b>	ug/L	1.0	0.28	1		11/21/19 10:16	106-46-7	
trans-1,4-Dichloro-2-butene	<b>2.5 U</b>	ug/L	10.0	2.5	1		11/21/19 10:16	110-57-6	
1,1-Dichloroethane	<b>0.34 U</b>	ug/L	1.0	0.34	1		11/21/19 10:16	75-34-3	
1,2-Dichloroethane	<b>0.27 U</b>	ug/L	1.0	0.27	1		11/21/19 10:16	107-06-2	
1,2-Dichloroethene (Total)	<b>0.27 U</b>	ug/L	1.0	0.27	1		11/21/19 10:16	540-59-0	N2
1,1-Dichloroethene	<b>0.27 U</b>	ug/L	1.0	0.27	1		11/21/19 10:16	75-35-4	
cis-1,2-Dichloroethene	<b>0.27 U</b>	ug/L	1.0	0.27	1		11/21/19 10:16	156-59-2	
trans-1,2-Dichloroethene	<b>0.23 U</b>	ug/L	1.0	0.23	1		11/21/19 10:16	156-60-5	
1,2-Dichloropropane	<b>0.23 U</b>	ug/L	1.0	0.23	1		11/21/19 10:16	78-87-5	
cis-1,3-Dichloropropene	<b>0.17 U</b>	ug/L	0.50	0.17	1		11/21/19 10:16	10061-01-5	
trans-1,3-Dichloropropene	<b>0.17 U</b>	ug/L	0.50	0.17	1		11/21/19 10:16	10061-02-6	
Ethylbenzene	<b>7.3</b>	ug/L	1.0	0.30	1		11/21/19 10:16	100-41-4	
2-Hexanone	<b>0.85 U</b>	ug/L	10.0	0.85	1		11/21/19 10:16	591-78-6	
Iodomethane	<b>9.3 U</b>	ug/L	10.0	9.3	1		11/21/19 10:16	74-88-4	J(v2)
Isopropylbenzene (Cumene)	<b>0.30 I</b>	ug/L	1.0	0.30	1		11/21/19 10:16	98-82-8	
Methylene Chloride	<b>2.0 U</b>	ug/L	5.0	2.0	1		11/21/19 10:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.32 U</b>	ug/L	10.0	0.32	1		11/21/19 10:16	108-10-1	
Methyl-tert-butyl ether	<b>0.51 U</b>	ug/L	2.0	0.51	1		11/21/19 10:16	1634-04-4	
Styrene	<b>0.26 U</b>	ug/L	1.0	0.26	1		11/21/19 10:16	100-42-5	
1,1,1,2-Tetrachloroethane	<b>0.32 U</b>	ug/L	1.0	0.32	1		11/21/19 10:16	630-20-6	
1,1,2,2-Tetrachloroethane	<b>0.20 U</b>	ug/L	0.50	0.20	1		11/21/19 10:16	79-34-5	
Tetrachloroethene	<b>0.38 U</b>	ug/L	1.0	0.38	1		11/21/19 10:16	127-18-4	
Toluene	<b>1.6</b>	ug/L	1.0	0.33	1		11/21/19 10:16	108-88-3	
1,1,1-Trichloroethane	<b>0.30 U</b>	ug/L	1.0	0.30	1		11/21/19 10:16	71-55-6	
1,1,2-Trichloroethane	<b>0.30 U</b>	ug/L	1.0	0.30	1		11/21/19 10:16	79-00-5	
Trichloroethene	<b>0.36 U</b>	ug/L	1.0	0.36	1		11/21/19 10:16	79-01-6	
Trichlorofluoromethane	<b>0.35 U</b>	ug/L	1.0	0.35	1		11/21/19 10:16	75-69-4	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR  
Pace Project No.: 35512654

Sample: SG-16      Lab ID: 35512654001      Collected: 11/13/19 16:48      Received: 11/15/19 10:56      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260								
1,2,3-Trichloropropane	<b>1.1 U</b>	ug/L	2.0	1.1	1		11/21/19 10:16	96-18-4	
1,2,4-Trimethylbenzene	<b>5.4</b>	ug/L	1.0	0.24	1		11/21/19 10:16	95-63-6	
1,3,5-Trimethylbenzene	<b>4.6</b>	ug/L	1.0	0.24	1		11/21/19 10:16	108-67-8	
Vinyl acetate	<b>0.19 U</b>	ug/L	10.0	0.19	1		11/21/19 10:16	108-05-4	
Vinyl chloride	<b>0.39 U</b>	ug/L	1.0	0.39	1		11/21/19 10:16	75-01-4	
Xylene (Total)	<b>49.3</b>	ug/L	5.0	2.1	1		11/21/19 10:16	1330-20-7	
m&p-Xylene	<b>33.6</b>	ug/L	4.0	2.1	1		11/21/19 10:16	179601-23-1	
o-Xylene	<b>15.7</b>	ug/L	1.0	0.27	1		11/21/19 10:16	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	70-130		1		11/21/19 10:16	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		11/21/19 10:16	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		11/21/19 10:16	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pfizer-Carolina PR  
Pace Project No.: 35512654

Sample: INJ-16	Lab ID: 35512654002	Collected: 11/13/19 16:18	Received: 11/15/19 10:56	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260								
Bromodichloromethane	<b>0.19 U</b>	ug/L	0.60	0.19	1		11/21/19 09:52	75-27-4	
Bromoform	<b>2.6 U</b>	ug/L	3.0	2.6	1		11/21/19 09:52	75-25-2	
Bromomethane	<b>4.0 U</b>	ug/L	5.0	4.0	1		11/21/19 09:52	74-83-9	J(v2)
Carbon tetrachloride	<b>1.1 U</b>	ug/L	3.0	1.1	1		11/21/19 09:52	56-23-5	
Chlorobenzene	<b>0.35 U</b>	ug/L	1.0	0.35	1		11/21/19 09:52	108-90-7	
Chloroethane	<b>3.7 U</b>	ug/L	10.0	3.7	1		11/21/19 09:52	75-00-3	
2-Chloroethylvinyl ether	<b>1.4 U</b>	ug/L	40.0	1.4	1		11/21/19 09:52	110-75-8	J(v2),c2
Chloroform	<b>0.32 U</b>	ug/L	1.0	0.32	1		11/21/19 09:52	67-66-3	
Chloromethane	<b>0.97 U</b>	ug/L	1.0	0.97	1		11/21/19 09:52	74-87-3	
Dibromochloromethane	<b>0.45 U</b>	ug/L	2.0	0.45	1		11/21/19 09:52	124-48-1	
1,2-Dichlorobenzene	<b>0.29 U</b>	ug/L	1.0	0.29	1		11/21/19 09:52	95-50-1	
1,3-Dichlorobenzene	<b>0.33 U</b>	ug/L	1.0	0.33	1		11/21/19 09:52	541-73-1	
1,4-Dichlorobenzene	<b>0.28 U</b>	ug/L	1.0	0.28	1		11/21/19 09:52	106-46-7	
Dichlorodifluoromethane	<b>0.26 U</b>	ug/L	1.0	0.26	1		11/21/19 09:52	75-71-8	J(v1)
1,1-Dichloroethane	<b>0.34 U</b>	ug/L	1.0	0.34	1		11/21/19 09:52	75-34-3	
1,2-Dichloroethane	<b>0.27 U</b>	ug/L	1.0	0.27	1		11/21/19 09:52	107-06-2	
1,2-Dichloroethene (Total)	<b>471</b>	ug/L	10.0	2.7	10		11/22/19 01:39	540-59-0	N2
1,1-Dichloroethene	<b>1.1</b>	ug/L	1.0	0.27	1		11/21/19 09:52	75-35-4	
cis-1,2-Dichloroethene	<b>395</b>	ug/L	10.0	2.7	10		11/22/19 01:39	156-59-2	
trans-1,2-Dichloroethene	<b>75.8</b>	ug/L	1.0	0.23	1		11/21/19 09:52	156-60-5	
1,2-Dichloropropane	<b>0.23 U</b>	ug/L	1.0	0.23	1		11/21/19 09:52	78-87-5	
cis-1,3-Dichloropropene	<b>0.17 U</b>	ug/L	0.50	0.17	1		11/21/19 09:52	10061-01-5	
trans-1,3-Dichloropropene	<b>0.17 U</b>	ug/L	0.50	0.17	1		11/21/19 09:52	10061-02-6	
Methylene Chloride	<b>2.0 U</b>	ug/L	5.0	2.0	1		11/21/19 09:52	75-09-2	
1,1,2,2-Tetrachloroethane	<b>0.20 U</b>	ug/L	0.50	0.20	1		11/21/19 09:52	79-34-5	
Tetrachloroethene	<b>0.38 U</b>	ug/L	1.0	0.38	1		11/21/19 09:52	127-18-4	
1,1,1-Trichloroethane	<b>0.30 U</b>	ug/L	1.0	0.30	1		11/21/19 09:52	71-55-6	
1,1,2-Trichloroethane	<b>0.30 U</b>	ug/L	1.0	0.30	1		11/21/19 09:52	79-00-5	
Trichloroethene	<b>0.40 I</b>	ug/L	1.0	0.36	1		11/21/19 09:52	79-01-6	
Trichlorofluoromethane	<b>0.35 U</b>	ug/L	1.0	0.35	1		11/21/19 09:52	75-69-4	
Vinyl chloride	<b>160</b>	ug/L	1.0	0.39	1		11/21/19 09:52	75-01-4	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	70-130		1		11/21/19 09:52	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		11/21/19 09:52	17060-07-0	
Toluene-d8 (S)	96	%	70-130		1		11/21/19 09:52	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR

Pace Project No.: 35512654

QC Batch:	589117	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples: 35512654001, 35512654002			

METHOD BLANK: 3204543                          Matrix: Water

Associated Lab Samples: 35512654001, 35512654002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.32 U	1.0	0.32	11/21/19 03:19	
1,1,1-Trichloroethane	ug/L	0.30 U	1.0	0.30	11/21/19 03:19	
1,1,2,2-Tetrachloroethane	ug/L	0.20 U	0.50	0.20	11/21/19 03:19	
1,1,2-Trichloroethane	ug/L	0.30 U	1.0	0.30	11/21/19 03:19	
1,1-Dichloroethane	ug/L	0.34 U	1.0	0.34	11/21/19 03:19	
1,1-Dichloroethene	ug/L	0.27 U	1.0	0.27	11/21/19 03:19	
1,2,3-Trichloropropane	ug/L	1.1 U	2.0	1.1	11/21/19 03:19	
1,2,4-Trimethylbenzene	ug/L	0.24 U	1.0	0.24	11/21/19 03:19	
1,2-Dibromo-3-chloropropane	ug/L	1.9 U	5.0	1.9	11/21/19 03:19	
1,2-Dibromoethane (EDB)	ug/L	0.31 U	1.0	0.31	11/21/19 03:19	
1,2-Dichlorobenzene	ug/L	0.29 U	1.0	0.29	11/21/19 03:19	
1,2-Dichloroethane	ug/L	0.27 U	1.0	0.27	11/21/19 03:19	
1,2-Dichloroethene (Total)	ug/L	0.27 U	1.0	0.27	11/21/19 03:19	N2
1,2-Dichloropropane	ug/L	0.23 U	1.0	0.23	11/21/19 03:19	
1,3,5-Trimethylbenzene	ug/L	0.24 U	1.0	0.24	11/21/19 03:19	
1,3-Dichlorobenzene	ug/L	0.33 U	1.0	0.33	11/21/19 03:19	
1,4-Dichlorobenzene	ug/L	0.28 U	1.0	0.28	11/21/19 03:19	
2-Butanone (MEK)	ug/L	7.5 U	10.0	7.5	11/21/19 03:19	
2-Chloroethylvinyl ether	ug/L	1.4 U	40.0	1.4	11/21/19 03:19	J(v2)
2-Hexanone	ug/L	0.85 U	10.0	0.85	11/21/19 03:19	
4-Methyl-2-pentanone (MIBK)	ug/L	0.32 U	10.0	0.32	11/21/19 03:19	
Acetone	ug/L	5.3 U	20.0	5.3	11/21/19 03:19	
Acetonitrile	ug/L	24.5 U	40.0	24.5	11/21/19 03:19	
Benzene	ug/L	0.30 U	1.0	0.30	11/21/19 03:19	
Bromochloromethane	ug/L	0.37 U	1.0	0.37	11/21/19 03:19	
Bromodichloromethane	ug/L	0.19 U	0.60	0.19	11/21/19 03:19	
Bromoform	ug/L	2.6 U	3.0	2.6	11/21/19 03:19	
Bromomethane	ug/L	4.0 U	5.0	4.0	11/21/19 03:19	J(v2)
Carbon disulfide	ug/L	0.45 U	10.0	0.45	11/21/19 03:19	
Carbon tetrachloride	ug/L	1.1 U	3.0	1.1	11/21/19 03:19	
Chlorobenzene	ug/L	0.35 U	1.0	0.35	11/21/19 03:19	
Chloroethane	ug/L	3.7 U	10.0	3.7	11/21/19 03:19	
Chloroform	ug/L	0.32 U	1.0	0.32	11/21/19 03:19	
Chloromethane	ug/L	0.97 U	1.0	0.97	11/21/19 03:19	
cis-1,2-Dichloroethene	ug/L	0.27 U	1.0	0.27	11/21/19 03:19	
cis-1,3-Dichloropropene	ug/L	0.17 U	0.50	0.17	11/21/19 03:19	
Dibromochloromethane	ug/L	0.45 U	2.0	0.45	11/21/19 03:19	
Dibromomethane	ug/L	0.68 U	2.0	0.68	11/21/19 03:19	
Dichlorodifluoromethane	ug/L	0.26 U	1.0	0.26	11/21/19 03:19	J(v1)
Ethylbenzene	ug/L	0.30 U	1.0	0.30	11/21/19 03:19	
Iodomethane	ug/L	9.3 U	10.0	9.3	11/21/19 03:19	J(v2)

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR

Pace Project No.: 35512654

METHOD BLANK: 3204543

Matrix: Water

Associated Lab Samples: 35512654001, 35512654002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Isopropylbenzene (Cumene)	ug/L	0.30 U	1.0	0.30	11/21/19 03:19	
m&p-Xylene	ug/L	2.1 U	4.0	2.1	11/21/19 03:19	
Methyl-tert-butyl ether	ug/L	0.51 U	2.0	0.51	11/21/19 03:19	
Methylene Chloride	ug/L	2.0 U	5.0	2.0	11/21/19 03:19	
o-Xylene	ug/L	0.27 U	1.0	0.27	11/21/19 03:19	
Styrene	ug/L	0.26 U	1.0	0.26	11/21/19 03:19	
Tetrachloroethene	ug/L	0.38 U	1.0	0.38	11/21/19 03:19	
Toluene	ug/L	0.33 U	1.0	0.33	11/21/19 03:19	
trans-1,2-Dichloroethene	ug/L	0.23 U	1.0	0.23	11/21/19 03:19	
trans-1,3-Dichloropropene	ug/L	0.17 U	0.50	0.17	11/21/19 03:19	
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	10.0	2.5	11/21/19 03:19	
Trichloroethene	ug/L	0.36 U	1.0	0.36	11/21/19 03:19	
Trichlorofluoromethane	ug/L	0.35 U	1.0	0.35	11/21/19 03:19	
Vinyl acetate	ug/L	0.19 U	10.0	0.19	11/21/19 03:19	
Vinyl chloride	ug/L	0.39 U	1.0	0.39	11/21/19 03:19	
Xylene (Total)	ug/L	2.1 U	5.0	2.1	11/21/19 03:19	
1,2-Dichloroethane-d4 (S)	%	110	70-130		11/21/19 03:19	
4-Bromofluorobenzene (S)	%	83	70-130		11/21/19 03:19	
Toluene-d8 (S)	%	96	70-130		11/21/19 03:19	

LABORATORY CONTROL SAMPLE: 3204544

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	18.1	90	70-130	
1,1,1-Trichloroethane	ug/L	20	20.2	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	21.3	107	68-125	
1,1,2-Trichloroethane	ug/L	20	18.6	93	70-130	
1,1-Dichloroethane	ug/L	20	20.3	102	70-130	
1,1-Dichloroethene	ug/L	20	20.0	100	66-133	
1,2,3-Trichloropropane	ug/L	20	22.1	111	62-127	
1,2,4-Trimethylbenzene	ug/L	20	19.5	97	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	20.5	102	45-137	
1,2-Dibromoethane (EDB)	ug/L	20	18.5	93	70-130	
1,2-Dichlorobenzene	ug/L	20	19.0	95	70-130	
1,2-Dichloroethane	ug/L	20	19.5	98	70-130	
1,2-Dichloroethene (Total)	ug/L	40	38.2	96	70-130 N2	
1,2-Dichloropropane	ug/L	20	20.7	104	70-130	
1,3,5-Trimethylbenzene	ug/L	20	19.8	99	70-130	
1,3-Dichlorobenzene	ug/L	20	18.4	92	70-130	
1,4-Dichlorobenzene	ug/L	20	18.4	92	70-130	
2-Butanone (MEK)	ug/L	40	44.5	111	47-143	
2-Chloroethylvinyl ether	ug/L	20	16.0 I	80	41-140 J(v3)	
2-Hexanone	ug/L	40	46.1	115	48-145	
4-Methyl-2-pentanone (MIBK)	ug/L	40	48.6	122	57-132	

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR

Pace Project No.: 35512654

**LABORATORY CONTROL SAMPLE:** 3204544

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acetone	ug/L	40	42.6	107	46-148	
Acetonitrile	ug/L	200	223	112	33-175	
Benzene	ug/L	20	19.1	95	70-130	
Bromochloromethane	ug/L	20	19.2	96	70-130	
Bromodichloromethane	ug/L	20	19.7	98	70-130	
Bromoform	ug/L	20	16.4	82	49-126	
Bromomethane	ug/L	20	6.5	32	10-165 J(v3)	
Carbon disulfide	ug/L	20	19.7	99	60-141	
Carbon tetrachloride	ug/L	20	20.0	100	63-126	
Chlorobenzene	ug/L	20	17.4	87	70-130	
Chloroethane	ug/L	20	23.0	115	71-142	
Chloroform	ug/L	20	20.2	101	70-130	
Chloromethane	ug/L	20	20.2	101	40-140	
cis-1,2-Dichloroethene	ug/L	20	18.9	94	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.9	100	70-130	
Dibromochloromethane	ug/L	20	17.6	88	62-118	
Dibromomethane	ug/L	20	16.1	81	70-130	
Dichlorodifluoromethane	ug/L	20	24.7	124	47-150 J(v1)	
Ethylbenzene	ug/L	20	19.2	96	70-130	
Iodomethane	ug/L	40	15.6	39	10-164 J(v3)	
Isopropylbenzene (Cumene)	ug/L	20	18.7	93	70-130	
m&p-Xylene	ug/L	40	38.4	96	70-130	
Methyl-tert-butyl ether	ug/L	20	21.3	107	64-124	
Methylene Chloride	ug/L	20	21.3	106	65-136	
o-Xylene	ug/L	20	18.6	93	70-130	
Styrene	ug/L	20	17.9	89	70-130	
Tetrachloroethene	ug/L	20	16.9	85	64-134	
Toluene	ug/L	20	19.2	96	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.3	97	68-127	
trans-1,3-Dichloropropene	ug/L	20	19.3	96	65-121	
trans-1,4-Dichloro-2-butene	ug/L	20	19.5	98	42-129	
Trichloroethene	ug/L	20	16.7	84	70-130	
Trichlorofluoromethane	ug/L	20	23.1	115	65-135	
Vinyl acetate	ug/L	20	26.6	133	60-144	
Vinyl chloride	ug/L	20	23.4	117	68-131	
Xylene (Total)	ug/L	60	56.9	95	70-130	
1,2-Dichloroethane-d4 (S)	%			112	70-130	
4-Bromofluorobenzene (S)	%			88	70-130	
Toluene-d8 (S)	%			97	70-130	

**MATRIX SPIKE SAMPLE:** 3204546

Parameter	Units	35511535004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.32 U	20	15.5	78	70-130	
1,1,1-Trichloroethane	ug/L	0.30 U	20	18.0	90	70-130	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR  
Pace Project No.: 35512654

MATRIX SPIKE SAMPLE:	3204546						
Parameter	Units	35511535004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,2,2-Tetrachloroethane	ug/L	0.20 U	20	17.3	86	68-125	
1,1,2-Trichloroethane	ug/L	0.30 U	20	16.5	83	70-130	
1,1-Dichloroethane	ug/L	0.34 U	20	17.8	89	70-130	
1,1-Dichloroethene	ug/L	0.27 U	20	18.1	91	66-133	
1,2,3-Trichloropropane	ug/L	1.1 U	20	18.0	90	62-127	
1,2,4-Trimethylbenzene	ug/L	0.24 U	20	16.5	82	70-130	
1,2-Dibromo-3-chloropropane	ug/L	1.9 U	20	15.0	75	45-137	
1,2-Dibromoethane (EDB)	ug/L	0.31 U	20	15.6	78	70-130	
1,2-Dichlorobenzene	ug/L	0.29 U	20	16.0	80	70-130	
1,2-Dichloroethane	ug/L	0.27 U	20	16.7	84	70-130	
1,2-Dichloroethene (Total)	ug/L	0.27 U	40	33.3	83	70-130 N2	
1,2-Dichloropropane	ug/L	0.23 U	20	17.9	89	70-130	
1,3,5-Trimethylbenzene	ug/L	0.24 U	20	16.5	83	70-130	
1,3-Dichlorobenzene	ug/L	0.33 U	20	15.4	77	70-130	
1,4-Dichlorobenzene	ug/L	0.28 U	20	15.6	78	70-130	
2-Butanone (MEK)	ug/L	7.5 U	40	36.6	92	47-143	
2-Chloroethylvinyl ether	ug/L	1.4 U	20	1.4 U	0	41-140 J(M1),J(v2)	
2-Hexanone	ug/L	0.85 U	40	40.4	101	48-145	
4-Methyl-2-pentanone (MIBK)	ug/L	0.32 U	40	42.6	107	57-132	
Acetone	ug/L	5.3 U	40	38.3	96	46-148	
Acetonitrile	ug/L	24.5 U	200	189	94	33-175	
Benzene	ug/L	0.30 U	20	16.6	83	70-130	
Bromochloromethane	ug/L	0.37 U	20	17.8	89	70-130	
Bromodichloromethane	ug/L	0.19 U	20	16.7	83	70-130	
Bromoform	ug/L	2.6 U	20	12.7	64	49-126	
Bromomethane	ug/L	4.0 U	20	6.0	30	10-165 J(v3)	
Carbon disulfide	ug/L	0.45 U	20	18.6	93	60-141	
Carbon tetrachloride	ug/L	1.1 U	20	16.8	84	63-126	
Chlorobenzene	ug/L	0.35 U	20	15.0	75	70-130	
Chloroethane	ug/L	3.7 U	20	26.2	131	71-142	
Chloroform	ug/L	0.32 U	20	17.2	86	70-130	
Chloromethane	ug/L	0.97 U	20	18.7	94	40-140	
cis-1,2-Dichloroethene	ug/L	0.27 U	20	16.5	83	70-130	
cis-1,3-Dichloropropene	ug/L	0.17 U	20	16.4	82	70-130	
Dibromochloromethane	ug/L	0.45 U	20	14.3	72	62-118	
Dibromomethane	ug/L	0.68 U	20	13.8	69	70-130 J(M1)	
Dichlorodifluoromethane	ug/L	0.26 U	20	23.8	119	47-150 J(v1)	
Ethylbenzene	ug/L	0.30 U	20	16.8	84	70-130	
Iodomethane	ug/L	9.3 U	40	17.1	43	10-164 J(v3)	
Isopropylbenzene (Cumene)	ug/L	0.30 U	20	16.4	82	70-130	
m&p-Xylene	ug/L	2.1 U	40	33.1	83	70-130	
Methyl-tert-butyl ether	ug/L	0.51 U	20	19.7	98	64-124	
Methylene Chloride	ug/L	2.0 U	20	18.2	91	65-136	
o-Xylene	ug/L	0.27 U	20	15.7	78	70-130	
Styrene	ug/L	0.26 U	20	15.0	75	70-130	
Tetrachloroethene	ug/L	0.38 U	20	13.9	69	64-134	
Toluene	ug/L	0.33 U	20	16.7	84	70-130	

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR  
Pace Project No.: 35512654

MATRIX SPIKE SAMPLE: 3204546

Parameter	Units	35511535004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	0.23 U	20	16.8	84	68-127	
trans-1,3-Dichloropropene	ug/L	0.17 U	20	15.9	80	65-121	
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	20	16.7	84	42-129	
Trichloroethene	ug/L	0.36 U	20	14.5	73	70-130	
Trichlorofluoromethane	ug/L	0.35 U	20	21.3	107	65-135	
Vinyl acetate	ug/L	0.19 U	20	22.8	114	60-144	
Vinyl chloride	ug/L	0.39 U	20	22.8	114	68-131	
Xylene (Total)	ug/L	2.1 U	60	48.7	81	70-130	
1,2-Dichloroethane-d4 (S)	%				111	70-130	
4-Bromofluorobenzene (S)	%				88	70-130	
Toluene-d8 (S)	%				96	70-130	

SAMPLE DUPLICATE: 3204545

Parameter	Units	35511535003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.32 U	0.32 U		40	
1,1,1-Trichloroethane	ug/L	0.30 U	0.30 U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.20 U	0.20 U		40	
1,1,2-Trichloroethane	ug/L	0.30 U	0.30 U		40	
1,1-Dichloroethane	ug/L	0.34 U	0.34 U		40	
1,1-Dichloroethene	ug/L	0.27 U	0.27 U		40	
1,2,3-Trichloropropane	ug/L	1.1 U	1.1 U		40	
1,2,4-Trimethylbenzene	ug/L	0.24 U	0.24 U		40	
1,2-Dibromo-3-chloropropane	ug/L	1.9 U	1.9 U		40	
1,2-Dibromoethane (EDB)	ug/L	0.31 U	0.31 U		40	
1,2-Dichlorobenzene	ug/L	0.29 U	0.29 U		40	
1,2-Dichloroethane	ug/L	0.27 U	0.27 U		40	
1,2-Dichloroethene (Total)	ug/L	0.27 U	0.27 U		40 N2	
1,2-Dichloropropane	ug/L	0.23 U	0.23 U		40	
1,3,5-Trimethylbenzene	ug/L	0.24 U	0.24 U		40	
1,3-Dichlorobenzene	ug/L	0.33 U	0.33 U		40	
1,4-Dichlorobenzene	ug/L	0.28 U	0.28 U		40	
2-Butanone (MEK)	ug/L	7.5 U	7.5 U		40	
2-Chloroethylvinyl ether	ug/L	1.4 U	1.4 U		40 J(v2)	
2-Hexanone	ug/L	0.85 U	0.85 U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	0.32 U	0.32 U		40	
Acetone	ug/L	5.3 U	5.3 U		40	
Acetonitrile	ug/L	24.5 U	24.5 U		40	
Benzene	ug/L	0.30 U	0.30 U		40	
Bromochloromethane	ug/L	0.37 U	0.37 U		40	
Bromodichloromethane	ug/L	0.19 U	0.19 U		40	
Bromoform	ug/L	2.6 U	2.6 U		40	
Bromomethane	ug/L	4.0 U	4.0 U		40 J(v2)	
Carbon disulfide	ug/L	0.45 U	0.45 U		40	
Carbon tetrachloride	ug/L	1.1 U	1.1 U		40	

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## QUALITY CONTROL DATA

Project: Pfizer-Carolina PR  
Pace Project No.: 35512654

SAMPLE DUPLICATE: 3204545

Parameter	Units	35511535003 Result	Dup Result	RPD	Max RPD	Qualifiers
Chlorobenzene	ug/L	0.35 U	0.35 U		40	
Chloroethane	ug/L	3.7 U	3.7 U		40	
Chloroform	ug/L	0.32 U	0.32 U		40	
Chloromethane	ug/L	0.97 U	0.97 U		40	
cis-1,2-Dichloroethene	ug/L	0.27 U	0.27 U		40	
cis-1,3-Dichloropropene	ug/L	0.17 U	0.17 U		40	
Dibromochloromethane	ug/L	0.45 U	0.45 U		40	
Dibromomethane	ug/L	0.68 U	0.68 U		40	
Dichlorodifluoromethane	ug/L	0.26 U	0.26 U		40 J(v1)	
Ethylbenzene	ug/L	0.30 U	0.30 U		40	
Iodomethane	ug/L	9.3 U	9.3 U		40 J(v2)	
Isopropylbenzene (Cumene)	ug/L	0.30 U	0.30 U		40	
m&p-Xylene	ug/L	2.1 U	2.1 U		40	
Methyl-tert-butyl ether	ug/L	0.51 U	0.51 U		40	
Methylene Chloride	ug/L	2.0 U	2.0 U		40	
o-Xylene	ug/L	0.27 U	0.27 U		40	
Styrene	ug/L	0.26 U	0.26 U		40	
Tetrachloroethene	ug/L	0.38 U	0.38 U		40	
Toluene	ug/L	0.33 U	0.33 U		40	
trans-1,2-Dichloroethene	ug/L	0.23 U	0.23 U		40	
trans-1,3-Dichloropropene	ug/L	0.17 U	0.17 U		40	
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	2.5 U		40	
Trichloroethene	ug/L	0.36 U	0.36 U		40	
Trichlorofluoromethane	ug/L	0.35 U	0.35 U		40	
Vinyl acetate	ug/L	0.19 U	0.19 U		40	
Vinyl chloride	ug/L	0.39 U	0.39 U		40	
Xylene (Total)	ug/L	2.1 U	2.1 U		40	
1,2-Dichloroethane-d4 (S)	%	106	107		40	
4-Bromofluorobenzene (S)	%	88	86		40	
Toluene-d8 (S)	%	96	96		40	

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## QUALIFIERS

Project: Pfizer-Carolina PR  
 Pace Project No.: 35512654

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach

### ANALYTE QUALIFIERS

- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- U Compound was analyzed for but not detected.
- J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- J(v1) The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
- J(v2) The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
- J(v3) The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.
- N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
- c2 Acid preservation may not be appropriate for the analysis of 2-Chloroethylvinyl ether.

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Pfizer-Carolina PR  
Pace Project No.: 35512654

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35512654001	SG-16	EPA 8260	589117		
35512654002	INJ-16	EPA 8260	589117		

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WO# : 35512654

35512654

ant fields must be completed accurately.

quest Document

Geometrical

Section

## Section B

Section B

Required Client Information:		Required Project Information	
Section:	Category:	Section:	Category:
Section 1 Category 1	Section 1 Category 1	Section 2 Category 2	Section 2 Category 2

Company:	Gordon Associates, Inc.	Jacksonville	Report To:	Walt Crews, FC
Address:	6426 Baymeadows Road		Copy To:	
Email:	matt_crews@goldier.com		Purchase Order #:	
Phone:	(904) 707-6023	Fax	Project Name:	Pitzer - Car
Requested Due Date:				

	Document Name: Sample Condition Upon Receipt Form Document No.: F-FL-C-007 rev. 13	Document Revised: May 30, 2018 Issuing Authority: Pace Florida Quality Office
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### Sample Condition Upon Receipt Form (SCUR)

Project #

WO# : 35512654

Project Manager:

PM: TSR      Due Date: 11/22/19  
CLIENT: GOLASC

Client:

Date and Initials of person:

Examining contents: \_\_\_\_\_

Label: \_\_\_\_\_

Deliver: \_\_\_\_\_

pH: \_\_\_\_\_

Thermometer Used: 7-337

Date: 11-15-17

Time: 1056

Initials: SRW

State of Origin: \_\_\_\_\_

For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp.°C 5.9 (Visual) -1 (Correction Factor) 5.8 (Actual)

Samples on ice, cooling process has begun

Cooler #2 Temp.°C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)

Samples on ice, cooling process has begun

Cooler #3 Temp.°C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)

Samples on ice, cooling process has begun

Cooler #4 Temp.°C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)

Samples on ice, cooling process has begun

Cooler #5 Temp.°C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)

Samples on ice, cooling process has begun

Cooler #6 Temp.°C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)

Samples on ice, cooling process has begun

Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace

Other \_\_\_\_\_

Shipping Method:  First Overnight  Priority Overnight  Standard Overnight  Ground

International Priority

Other INTL priority

Billing:  Recipient  Sender  Third Party  Credit Card  Unknown

Tracking # 1145 1596 5678

Custody Seal on Cooler/Box Present:  Yes  No Seals intact:  Yes  No Ice:  Wet Blue Dry None

Packing Material:  Bubble Wrap  Bubble Bags  None  Other \_\_\_\_\_

Samples shorted to lab (If Yes, complete) Shorted Date: \_\_\_\_\_ Shorted Time: \_\_\_\_\_ Qty: \_\_\_\_\_

#### Comments:

Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Chain of Custody Filled Out	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Relinquished Signature & Sampler Name COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Rush TAT requested on COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sample Labels match COC (sample IDs & date/time of collection)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing acid/base preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Preservation Information: Preservative: _____ Lot #: Trace #: _____ Date: _____ Time: _____ Initials: _____
All Containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: VOA, Coliform, TOC, O&G, Carbamates	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Headspace in VOA Vials? (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

#### Client Notification/ Resolution:

Person Contacted: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Comments/ Resolution (use back for additional comments): No TOTR B1911

Project Manager Review: \_\_\_\_\_

Date: \_\_\_\_\_